7120183
C2175-1A

THE CHRONICLE
of Higher Education

July 20, 1983 • $1.75
Volume XXVI, Number 21

News Summary

Articles on inside pages

Merit scholarships have been eliminated at Smith and Mount Holyoke Colleges following criticism from other colleges and universities that favor need-based awards. Story on Page 2.

Proposals by the Reagan Administration to cut the federal education budget in 1984 drew strong criticism from the U.S. Commission on Civil Rights. Story on Page 4.

A federal panel has urged the Energy Department to abandon construction of a half-completed atom smasher at Brookhaven National Laboratory in favor of a more powerful, $2-billion accelerator. Story on Page 5.

Amateur boxing ought to be eliminated, says the American Medical Association, while other experts say the sport could simply be made safer. Story on Page 7.

Teachers of courses other than freshman composition are trying to help their students learn to write. Story on Page 11.

Colleges might be persuaded to lower tuition if students had to foot the bill, according to an article in the latest issue of *Washington Monthly*. See "Journals" column on Page 19.

Chilean students took part in nationwide demonstrations against the military government of Augusto Pinochet. Story on Page 9.

China has awarded doctorates to Chinese students taught by Chinese professors for the first time since the Communists came to power. Story on Page 9.

ALSO IN THIS ISSUE

Acrostic	12
Athletics	7-8
Books	17-19
Bulletin Board	26-47
Calendar of Events	24-25
Computers	15
Deadlines	25
Deaths	23
Gazette	23
Grants	23-24
International News	9-10
Letters	20-22
Marginalia	2
News in Brief	2-3
Opinion	20
Personal & Professional	11-15
Point of View	48
Washington News	4-6

HAND-OFF TO THE HIGH COURT

Four Groups May Vie for TV Rights if Justice Turns Down NCAA's Plea

By N. SCOTT VANCE

The battle over televising college football grew even more chaotic last week as a federal appeals court refused to issue a stay of its order nullifying the National Collegiate Athletic Association's $281.1-million in contracts with the broadcasting networks.

The N.C.A.A. made an emergency request to U.S. Supreme Court Justice Byron White that he issue the stay. Unless the request is granted—which many observers deem unlikely—new television contracts will have to be negotiated for the forthcoming college football season.

Four groups of university officials, some with overlapping memberships, appeared to be in the running for the privilege of doing the negotiating.

The day after the U.S. Court of Appeals for the Tenth Circuit denied the N.C.A.A.'s request for a stay, a five-member *ad hoc* committee of university athletic directors began a campaign to urge institutions to stick by the terms of the fallen N.C.A.A. contracts, even though the courts have said they are no longer required to do so.

Meanwhile, the board of directors of the 60-member College Football Association scheduled a meeting of its members for August 2 in Atlanta, at which C.F.A. institutions will vote on whether to carry out a plan for marketing their games to broadcasters. The plan differs significantly from the old N.C.A.A. system.

In addition, the N.C.A.A.'s football television committee meets this week, and members said they would attempt to forge a new plan for televising football that would be acceptable to the courts.

A fourth group of officials, many from universities in the Pacific-10 Conference, has discussed negotiating a nationwide TV contract that would be modeled after the old N.C.A.A. contracts. But as of last week, the group, referred to as "the coalition," had taken no action toward doing so.

Letters to 104 Institutions

Of the four groups, the C.F.A. and the *ad hoc* committee appeared to be the front runners in the drive to negotiate contracts.

The *ad hoc* committee, headed by Hugh Hindman, athletic director at Ohio State University, last week sent letters to chief executive officers and athletic directors at the 104 institutions in the N.C.A.A.'s Division I-A, which is reserved for institutions with the most prestigious football programs.

The letters, accompanied by consent forms, asked the officials to agree to abide by the terms of the stricken N.C.A.A. con-

Continued on Page 8, Column 1

U.S. Suit Seeks Desegregation of Ala. Colleges

Action is first of its kind by Reagan Administration

By CHARLES S. FARRELL

WASHINGTON

In an effort to force Alabama to desegregate its public colleges and universities, the Justice Department last week sued the state.

The suit, the third filed by the department to desegregate a state system of higher education, was the first such action by the Reagan Administration.

Assistant Attorney General William B. Reynolds, head of the department's civil-rights division, said the suit, filed in the U.S. District Court in Birmingham, had come after more than a year of unsuccessful negotiations with Alabama.

"Since the negotiations have not resulted in a settlement at this time, we feel it is necessary to file a lawsuit," Mr. Reynolds said. "There remain sufficient obstacles to concluding a detailed, comprehensive settlement to require commencement of this action."

He added, "By filing this suit, however, we certainly do not intend to discourage further negotiations or suggest that the set-

Continued on Page 4, Column 1

Vienna Conferees Hit Political Abuse of Psychiatry

By VERA RICH

VIENNA

The political abuse of psychiatry and the wider issue of professional ethics for psychiatrists dominated the agenda at the seventh World Congress on Psychiatry, which opened here last week.

The congress was organized by the World Psychiatric Association, which at a meeting just before the congress began, "readopted" the 1977 "Hawaii declaration" that calls for ethical guidelines to prevent the "misuse of psychiatric concepts, knowledge, and technology."

The Soviet Union, which has been widely criticized for using psychiatric methods to suppress political dissent, was not represented at the congress here. The Russian psychiatric association withdrew from the W.P.A. last January to forestall moves to expel it. Resolutions calling for the expulsion of the Soviet group had been proposed by several national psychiatric bodies, including the American Psychiatric Association.

Delegates to the W.P.A.'s congress noted "with regret" the Soviet resignation and overwhelmingly endorsed a resolution from Britain's Royal College of Psychiatrists that said the Russians would be wel-

Continued on Page 10, Column 1

Competence of New Teachers Improving, Faculty Quality Up, Survey Finds

By BEVERLY T. WATKINS

The overall quality of faculty members is improving at many colleges and universities, a new survey conducted for *The Chronicle* has found.

More than 40 per cent of the institutions participating in the survey reported that the new faculty members they hired for the 1981-82 academic year were more competent than those hired a year earlier.

About 45 per cent of the colleges and universities also said the performance of all faculty members had improved over the same period, with professors showing an increased interest in teaching, a greater willingness to innovate, and a deeper concern for the academic needs of students.

Improvement in faculty quality could be a result in part of the tighter job market, according to some observers.

"In the last few years the colleges have been in a no-growth situation, but Ph.D.'s are still coming out of the universities," says Allan W. Ostar, president of the American Association of State Colleges

Continued on Page 14, Column 1

Soviet Jazz: Red and Hot

The history of jazz in the U.S.S.R. is a story of the swings in the official mood—from utter derision of the music to outright enthusiasm for it—and of its continuing and widespread popularity with large numbers of Soviet citizens.

See the "Publishing" section on Page 17.

JACKET ILLUSTRATION BY JEAN-JACQUES SEMPÉ FOR "RED AND HOT"

CHRONICLE SURVEY

Views of Chief Academic Officers on Faculty Quality and Performance

Faculty Working Conditions

	Increased	No change	Decreased
Secretarial and related assistance			
Public research universities	3.8%	53.8%	38.5%
Private research universities	0.0%	87.5%	12.5%
Public comprehensive colleges*	18.2%	51.5%	30.3%
Private comprehensive colleges*	24.2%	75.8%	0.0%
Private liberal-arts colleges	28.8%	69.2%	1.9%
Public 2-year institutions	16.7%	69.4%	13.9%
Private 2-year institutions	0.0%	66.7%	33.3%
All institutions	17.7%	67.0%	15.2%
Research support			
Public research universities	38.5%	46.2%	15.4%
Private research universities	37.5%	50.0%	12.5%
Public comprehensive colleges*	34.4%	53.1%	12.5%
Private comprehensive colleges*	28.1%	68.8%	3.1%
Private liberal-arts colleges	49.1%	49.1%	1.9%
Public 2-year institutions	9.1%	75.8%	12.1%
Private 2-year institutions	0.0%	83.3%	16.7%
All institutions	25.6%	63.9%	9.5%
Professional travel			
Public research universities	7.7%	30.8%	61.5%
Private research universities	0.0%	100.0%	0.0%
Public comprehensive colleges*	30.3%	33.3%	36.4%
Private comprehensive colleges*	36.4%	51.5%	12.1%
Private liberal-arts colleges	50.9%	41.5%	7.5%
Public 2-year institutions	22.9%	42.9%	34.3%
Private 2-year institutions	16.7%	33.3%	50.0%
All institutions	29.8%	42.3%	28.0%
Teaching load			
Public research universities	23.1%	76.9%	0.0%
Private research universities	0.0%	100.0%	0.0%
Public comprehensive colleges*	6.1%	90.9%	3.0%
Private comprehensive colleges*	6.1%	87.9%	6.1%
Private liberal-arts colleges	5.7%	90.6%	3.8%
Public 2-year institutions	16.7%	80.6%	2.8%
Private 2-year institutions	33.3%	66.7%	0.0%
All institutions	13.0%	84.2%	2.9%
Number of students			
Public research universities	61.5%	34.6%	3.8%
Private research universities	12.5%	87.5%	0.0%
Public comprehensive colleges*	36.4%	60.6%	3.0%
Private comprehensive colleges*	12.1%	66.7%	21.2%
Private liberal-arts colleges	13.5%	76.9%	9.6%
Public 2-year institutions	42.9%	57.1%	0.0%
Private 2-year institutions	16.7%	66.7%	16.7%
All institutions	29.6%	63.9%	6.5%
Work load in committee work, advising, etc.			
Public research universities	42.3%	57.7%	0.0%
Private research universities	0.0%	100.0%	0.0%
Public comprehensive colleges*	40.6%	56.2%	3.1%
Private comprehensive colleges*	27.3%	69.7%	3.0%
Private liberal-arts colleges	9.4%	90.6%	0.0%
Public 2-year institutions	25.0%	69.4%	5.6%
Private 2-year institutions	50.0%	50.0%	0.0%
All institutions	26.2%	71.1%	2.7%

Faculty Attitudes and Performance

	Increased	No change	Decreased
Concern for teaching			
Public research universities	45.8%	54.2%	0.0%
Private research universities	0.0%	100.0%	0.0%
Public comprehensive colleges*	27.3%	72.7%	0.0%
Private comprehensive colleges*	48.5%	51.5%	0.0%
Private liberal-arts colleges	28.3%	71.7%	0.0%
Public 2-year institutions	27.8%	69.4%	2.8%
Private 2-year institutions	83.3%	16.7%	0.0%
All institutions	35.0%	64.0%	1.0%
Concern for advising students			
Public research universities	33.3%	54.2%	8.3%
Private research universities	0.0%	100.00%	0.0%
Public comprehensive colleges*	66.7%	33.3%	0.0%
Private comprehensive colleges*	63.6%	36.4%	0.0%
Private liberal-arts colleges	43.4%	54.7%	1.9%
Public 2-year institutions	36.1%	58.3%	5.6%
Private 2-year institutions	66.7%	33.3%	0.0%
All institutions	46.5%	50.5%	2.8%
Willingness to innovate			
Public research universities	37.5%	45.8%	16.7%
Private research universities	25.0%	75.0%	0.0%
Public comprehensive colleges*	19.4%	67.7%	9.7%
Private comprehensive colleges*	45.5%	54.5%	0.0%
Private liberal-arts colleges	30.2%	66.0%	3.8%
Public 2-year institutions	38.9%	50.0%	5.6%
Private 2-year institutions	66.7%	33.3%	0.0%
All institutions	37.0%	55.6%	5.0%
Productivity in research and scholarship			
Public research universities	41.7%	50.0%	8.3%
Private research universities	37.5%	50.0%	12.5%
Public comprehensive colleges*	54.8%	41.9%	3.2%
Private comprehensive colleges*	48.5%	51.5%	0.0%
Private liberal-arts colleges	42.3%	57.7%	0.0%
Public 2-year institutions	8.6%	77.1%	2.9%
Private 2-year institutions	0.0%	100.0%	0.0%
All institutions	28.3%	65.4%	2.2%
Loyalty and commitment to the institution			
Public research universities	8.3%	70.8%	20.8%
Private research universities	12.5%	75.0%	12.5%
Public comprehensive colleges*	9.7%	80.6%	9.7%
Private comprehensive colleges*	24.2%	72.7%	0.0%
Private liberal-arts colleges	19.2%	73.1%	5.8%
Public 2-year institutions	16.7%	69.4%	13.9%
Private 2-year institutions	50.0%	50.0%	0.0%
All institutions	19.7%	70.5%	9.0%
Quality of faculty performance			
Public research universities	20.8%	79.2%	0.0%
Private research universities	50.0%	50.0%	0.0%
Public comprehensive colleges*	58.1%	38.7%	3.2%
Private comprehensive colleges*	45.5%	54.5%	0.0%
Private liberal-arts colleges	49.1%	49.1%	0.0%
Public 2-year institutions	30.6%	66.7%	2.8%
Private 2-year institutions	66.7%	33.3%	0.0%
All institutions	43.7%	54.4%	1.5%

Faculty Characteristics

	Increased	No change	Decreased
Percentage with Ph.D. or equivalent			
Public research universities	34.6%	61.5%	3.8%
Private research universities	0.0%	100.0%	0.0%
Public comprehensive colleges*	56.2%	40.6%	3.1%
Private comprehensive colleges*	51.5%	45.5%	3.0%
Private liberal-arts colleges	39.6%	58.5%	1.9%
Public 2-year institutions	38.9%	55.6%	5.6%
Private 2-year institutions	16.7%	66.7%	16.7%
All institutions	39.2%	55.9%	4.9%
Classes taught by full-time faculty members			
Public research universities	15.4%	65.4%	19.2%
Private research universities	0.0%	100.0%	0.0%
Public comprehensive colleges*	18.8%	65.6%	15.6%
Private comprehensive colleges*	15.2%	75.8%	9.1%
Private liberal-arts colleges	23.5%	68.6%	7.8%
Public 2-year institutions	22.2%	44.4%	33.3%
Private 2-year institutions	0.0%	83.3%	16.7%
All institutions	18.2%	62.3%	19.5%
Competence of new additions to faculty			
Public research universities	73.1%	26.9%	0.0%
Private research universities	62.5%	37.5%	0.0%
Public comprehensive colleges*	50.0%	46.9%	3.1%
Private comprehensive colleges*	54.5%	39.4%	6.1%
Private liberal-arts colleges	45.3%	52.8%	1.9%
Public 2-year institutions	36.1%	61.1%	2.8%
Private 2-year institutions	16.7%	83.3%	0.0%
All institutions	42.6%	54.9%	2.5%

* Institutions with more than 1,500 students, a liberal-arts program, and at least one professional program.

Note: Survey data are based on responses from a stratified random sample of 150 public and 150 private institutions. The approximate response rate was 75 per cent. "Don't know" responses are not included, so percentages may not total 100. Technical inquiries about the survey design and sampling techniques should be addressed to John Minter Associates, P.O. Box 107, Boulder, Colo. 80306.

SOURCE: SURVEY FOR THE CHRONICLE BY JOHN MINTER ASSOCIATES

Quality of Faculty Members *Continued from Page 1*

and Universities. "As faculty members have retired or left, the competition for vacancies has been intense. We can get the pick of the crop."

At the same time, Mr. Ostar notes, "some faculty members are staying longer, not retiring as they used to, so the colleges are not filling new positions so often."

Now that some institutions are reviewing the performance of all faculty members, including those with tenure, on a regular basis, Mr. Ostar says, professors may be paying more attention "to demonstrating continuing scholarly performance."

He speculates that the lack of job mobility could also have "a psychological effect on faculty performance," prompting faculty members "to perform better where they are."

No Change at 55 Pct.

About 55 per cent of the institutions in the survey reported that the quality of new faculty members and the overall performance of all professors had not changed.

The *Chronicle* survey, which was based on a stratified random sample of 300 public and private two-year and four-year colleges and universities, compared the attitudes and performance of faculty members in 1981-82 with those a year earlier. The information in the survey, which was conducted for *The Chronicle* by John Minter Associates, was provided by chief academic officers at the institutions.

Large majorities of both public and private institutions reported that they were hiring new faculty members of higher quality than in the year before. For example, more than 73 per cent of public and more than 62 per cent of private research universities indicated that their new faculty members were more competent. About half of the public and private comprehensive colleges reported the same thing.

Almost 40 per cent of the institutions said the percentage of faculty members with doctoral degrees or the equivalent had increased.

On the average, 35 per cent of all institutions said their faculty members had shown an increased interest in teaching, while 46 per cent reported that professors were more concerned about advising students.

The private undergraduate institutions reported the greatest changes in the attitudes of their faculty members. More than 48 per cent of private comprehensive colleges, for example, found that faculty members were devoting more attention to teaching, while almost 64 per cent said professors were more concerned about student advising. About 83 per cent of the private two-year colleges reported greater faculty concern for teaching, while almost 67 per cent said faculty members were more involved in advising students.

Support for Research

About 25 per cent of all higher-education institutions said support for research had increased in 1981-82. Almost 40 per cent of both public and private research universities said they had received more support. However, about 65 per cent of all institutions said support had remained about the same.

A majority of all institutions indicated that faculty working conditions had not changed over the two-year period. In general, professors had about the same numbers of students in their classes and were spending about the same amount of time teaching.

The time they devoted to committee work and other institutional activities was also unchanged.

ASSOCIATION OF COLLEGE AND UNIVERSITY TELECOMMUNICATIONS ADMINISTRATORS
1983

ACUTA

TWELFTH ANNUAL CONFERENCE
JULY 24-28, 1983
UNIVERSITY OF COLORADO, BOULDER
The Hilton Harvest House Hotel

For administrators, managers and telecommunications related personnel. You'll learn the latest on such topics as:

- Communications Preplanning for the Modern University Building
- Electronic Mail & Voice Mail
- Interconnect
- Resale of Long Distance Services
- Cellular Radio and Paging
- Hospital Communications Services
- Personal Computers on a College Campus
- Baseband & Broadband Local Area Networks
- Teleconferencing
- Trends in Digital PBX and Key Systems
- Dormitory Telephone Service
- Future of Centrex
- Computer Controlled Radio Paging and Message System
- The Developing Role of Women in Telecommunications

DIRECT INQUIRIES TO CONFERENCE HOST:
Joyce Dodson
ACUTA Conference
Campus Box 373
University of Colorado-Boulder
Boulder, CO 80309
(303) 492-5621

JULY

27

1983

81-155
CR175-14

THE CHRONICLE
of Higher Education

July 27, 1983 • $1.75
Volume XXVI, Number 22

News Summary

Articles on inside pages

Better times are ahead for higher education, according to state legislators and educators at the annual meeting of the Education Commission of the States. Story on Page 6.

College costs in 1983-84 will be about 9 per cent higher at public institutions and 10 per cent higher at private institutions than they were the previous year. Story on Page 6.

September 1 is the new deadline for colleges to comply with rules withholding federal student aid from young men who have not registered for the draft. Story on Page 7.

Faculty members in most disciplines receive higher pay at public colleges than they do at private institutions. Story on Page 15.

A proposal that the I.R.S. be barred temporarily from collecting taxes on low-cost faculty housing has been accepted by a House-Senate committee. Story on Page 7.

The reputation of the University of Nevada at Las Vegas as a national basketball power has come at high cost: financial deficits and questions about the university's commitment to education. Story on Page 11.

Competition between colleges and private businesses—in activities ranging from selling books to fitting hearing aids—appears to be on the rise. Story on Page 5.

Academic tenure could be eliminated in British Columbia if the legislature passes two proposals now before it. Story on Page 13.

ALSO IN THIS ISSUE

Athletics	11-12
Books	21-22
Bulletin Board	27-47
Calendar of Events	26
Computers	19
Deadlines	26
Deaths	25
Fact-File	17
Gazette	25
Grants	25-26
Ideas	20
International News	13-14
Letters	23-24
Marginalia	2
News in Brief	2-3
Opinion	23
Personal & Professional	15-20
Point of View	48
Washington News	7-10

TIAA Adopting Unisex Tables for Pensions

By CHERYL M. FIELDS

The Teachers Insurance and Annuity Association and the College Retirement Equities Fund plan to adopt unisex mortality tables for their pension and annuity plans by August 1.

The companies are believed to have already asked the New York State insurance commissioner to approve detailed mortality tables that would result in the payment of equal monthly benefits to women and men on all contributions to retirement plans made after that date. Payments based on contributions made before then would not be affected.

Result of High Court's Ruling

The Supreme Court ruled this month, in a case brought by a female employee of the Arizona state government, that the state had to begin offering plans to pay women the same monthly benefits as men receive for all contributions they make to pension plans after August 1.

The Court said plans that pay women lower retirement benefits than men constitute illegal sex discrimination. But to lessen the financial impact on employers and insurance companies, the Justices held that benefits derived from pension contributions made before August 1 could be calculated according to the existing plans.

The Justices sent back to appellate courts two cases challenging T.I.A.A.-C.R.E.F. plans at Long Island and Wayne State Universities that pay women lower benefits.

Following the Court's ruling, the companies said they interpreted the decision to mean that they would have to adopt merged-gender mortality tables that did not result in lower benefits for women, based on their average longer life expectancies than men. However, T.I.A.A.-C.R.E.F. also indicated then that they might wait until the U.S. Courts of Appeal for

Continued on Page 19, Column 1

Justice White Postpones Order that Would End NCAA's Control of College Football on Television

Supreme Court will decide in fall whether to review case

By N. SCOTT VANCE

WASHINGTON

Associate Justice Byron H. White of the Supreme Court last week restored order to a chaotic college sports world—at least for the time being—by blocking two lower-court rulings that would have stripped the National Collegiate Athletic Association of its control over televising football.

Justice White's stay of the rulings at least temporarily salvaged $281.1-million in contracts between television broadcasters and the N.C.A.A.

The stay was granted pending a decision by the full Supreme Court, when it reconvenes in October, whether to review the lower courts' decisions. If the Supreme Court decides to hear the case, the stay will continue until it issues a final decision.

If the court refuses to give the N.C.A.A. a hearing, the stay "will terminate automatically," Justice White said. That would nullify the N.C.A.A. contracts.

If that should occur during the college football season, institutions would be free to negotiate their own television contracts for their remaining games. The season opens on September 1 and ends on December 11.

Athletic directors at many institutions said last week that they would urge their colleagues to abide voluntarily by the terms of the N.C.A.A. contracts for the remainder of the season if the stay were to be lifted.

The lawsuit challenging the N.C.A.A.'s control over television was brought by the Universities of Georgia and Oklahoma. Two federal courts said the universities should have the opportunity to negotiate their own television contracts, which the N.C.A.A. has refused to let them do.

In a five-page order, Justice White said he had granted the stay because he agreed with the N.C.A.A. that the full Supreme Court would be likely to accept the case for review, and because many institutions would be hurt financially if the contracts were voided and new ones had to be drawn

Continued on Page 12, Column 3

The text of Justice White's order appears on Page 12.

Abuse of Computers Worries Colleges

By JUDITH AXLER TURNER

Computer crime has all the excitement of Robin Hood without the physical danger: Criminals with computers can steal millions of dollars by dialing into electronic funds-transfer networks; industrial spies can snitch copies of valuable blueprints without leaving a fingerprint on the file cabinet.

To colleges and universities, however, computer crime has often been seen as academic—a problem more for industry and government than for academe. But as computers proliferate in higher education, so do abuses of them—and so do questions about how the institutions should react.

Although the technology exists for someone on a campus to cause a computer hundreds of miles away to stop working ("crash" in computer terminology) or to

Continued on Page 18, Column 1

BEIRUT U. LEADER FREED

AMERICAN U. OF BEIRUT (1982 PHOTO)

David S. Dodge, the vice-president of the American U. of Beirut who was kidnaped a year ago, was released last week. See story on Page 13.

Swiss to Vote this Fall in Referendum Aimed at Banning All Vivisection

By DAVID DICKSON

GENEVA

Swiss voters will go to the polls next fall to decide whether their country should adopt a total ban on vivisection.

The action, which would severely limit the use of live animals in both private and public research laboratories, was initiated by a conservationist group known as *Helvetia Nostra*—"Our Switzerland" in Latin. It would take the form of a change in the country's constitution to forbid all "cruel experiments" on animals.

Already the organization has gathered more than 150,000 signatures on a national petition, more than the number required to force such a referendum.

Supporters of the initiative say more than 3.5 million experiments on animals are carried out in Switzerland each year—the highest per-capita number of such experiments in the West.

The proposed ban on "cruel experiments" has been strongly attacked by scientific groups and major pharmaceutical companies, which are some of Switzerland's most important sources of jobs and income. Several companies have warned that if the ban were adopted, they would move their research activities—and possibly their production facilities—elsewhere. They say Switzerland already has some of the strictest animal-welfare laws in Eu-

Continued on Page 14, Column 1

Better Economic Fortunes May Be in Store for Colleges, Education Commission Told

By KAREN J. WINKLER

DENVER

After a decade of gloomy economic news, there are signs that better times are ahead for higher education, according to speakers at the annual meeting of the Education Commission of the States here last week. The commission represents legislators and educators in 48 states.

"Until recently it has been the same story over and over: The states are in very serious fiscal condition. Now there is a difference. 1983 marks a turning point in many, many states," said Steven D. Gold, director of the Intergovernmental Finance Project of the National Conference of State Legislatures.

"The fiscal condition of the states is improving," Mr. Gold said.

Added Lyman A. Glenny, professor emeritus of higher education at the University of California at Berkeley, "In terms of the welfare of the students, I think we are well on our way to a really golden age." He said that "youth are going to be far better served by higher education in the future."

Until the last few months, Mr. Gold said, the fiscal condition of the states—which are assuming a greater and greater role in financing education—"was as bad as it has been at any time in the last half century."

Two factors have helped turn state budgets around in recent months, he said. First, "this year will go down in history as the biggest year for state tax increases" in the last 50 years. "Even if you take into account the growth of inflation and the growth of state spending, the tax increases will ease state budgets."

Second, Mr. Gold said, "the economy is improving. By the end of this year, it will be fairly clear that the improved economy has enhanced tax revenue for the states."

In 1982 only nine state legislatures raised sales and income taxes. But after the November elections that year, "it got hot and heavy" as other states turned to tax increases, Mr. Gold said. Thus far in 1983, 31 states have raised taxes. Of those, he said, 18 increased them by at least 5 per cent of their total revenues.

To date, he said, "the total tax increases have been for $8-billion. They are likely to get to $10-billion."

'Back in Shape'

States still face some continuing fiscal problems, Mr. Gold warned. "Spending is the other side of the coin. Despite the fact that states have raised taxes, most of them are still having fairly austere budgets."

He said that for several years, states had put off spending for maintenance and other needed services. "Now they have to get things back in shape."

Moreover, he added, "I suspect that taxpayers will be opposed to more tax increases. This year, they accepted them because it was fairly easy to make the case that states needed money. But, down the road, it will be much more difficult to raise taxes a second time."

Also, "it is inevitable that federal aid to states is going to continue to go down," he said.

"There is a ray of light on the horizon," Mr. Gold said. Because fewer people will be entering the work force in the future, unemployment will probably fall—by 4 or 5 per cent by 1990—and wages will go up, he predicted.

"The demographics are favorable" for a better economy and a better tax base for states, he said.

"People don't realize that there are some positive trends along with the negative. In the long run, there will be a lot of continuing problems, but there really is a ray of hope at the end of the tunnel—if you can just hang on until around 1990."

Mr. Glenny said that, for students, "the golden age is almost here." He cited several factors:

► The probable continuation of increases in student aid. "President Reagan wanted to cut student aid, and he got very few cuts. Student aid has survived very well. I don't see any possibility now that there will be cuts at the federal level," Mr. Glenny said. "Student aid has survived very well in the states."

► A growing consensus that quality education must be supported. "The pressures for improving education are on."

► The boost to higher education given by recent calls from business and industry for better-trained workers. "Technology requires higher levels of education to achieve mounting productivity," Mr. Glenny said.

► The age of computers, which will improve teaching. "Computers are the basis for major, radical change in colleges and universities," Mr. Glenny said. They will lead to "more direct communcation" between students and faculty members and to "more individualized instruction."

► The improvements generated by "cutback strategies" in higher education. Out of economic necessity, "we will forsake the weak programs and the weak institutions," Mr. Glenny said. "Then we will say, 'You are gone, thank goodness.' "

Charges of Bias at Wayne State University Pit President Against a Powerful Legislator

DETROIT

Charges of racial and sexual discrimination in hiring at Wayne State University here have pitted the institution's president against a powerful member of the state legislature.

David Adamany, president of the 29,000-student, inner-city university, called allegations of discrimination "wild and irresponsible." He said the university's lack of funds had made it difficult to recruit qualified women and members of minority groups for its faculty.

Mr. Adamany said the Michigan legislature—by cutting millions of dollars from university budgets in recent years—must share any blame for perceived problems in affirmative action.

"Those who are making these wild and irresponsible charges will bear the burden of proving them," he said.

His statements came at a hearing called by a five-member State Senate committee studying affirmative action in state government. Chairman David Holmes, Democrat of Detroit, challenged Mr. Adamany, saying, "I am one of those who made those wild and irresponsible charges, and I stand by them."

In a rebuttal to Mr. Adamany's statement, Mr. Holmes called for a "thorough investigation" of Wayne State's hiring in the past year, saying, "I don't think we are all talking about the same university."

'Institutional Racism'

A caucus of Wayne State's black faculty members and administrators recently charged that fewer than 6 per cent of the university's faculty members are black, even though 25 per cent of the university's students are black.

The caucus has threatened to sue over the lack of black faculty members, which it blames on "institutional racism."

Mr. Adamany did not quarrel with the figures but cited several reasons for the lack of female and black faculty members. Among them:

► State budget cuts that caused qualified blacks to shy away from Michigan colleges.

► The lack of competitive salaries at Wayne State.

► Layoffs that hit newer faculty members, many of whom are women or blacks.

► A general lack of hiring at the university.

Despite those statements, Mr. Holmes called for a full study of hiring at the university and said he might ask the Michigan Senate to act if problems persist. —GLEN MACNOW

Competition *Continued from Preceding Page*

ing swimming-pool facilities to the general public and for renting rooms to the public at a campus conference center. It has also questioned Rensselaer Polytechnic Institute's deducting the full cost of running a field house that it sometimes rented for private use.

The Small Business Administration would like to see the I.R.S. do more. In its 1980 report, it said that "sharper definitions must be provided in the Internal Revenue Code or its accompanying regulations to distinguish between the private and the nonprofit sector. The task group recommends that the Internal Revenue Code be modified to remove inappropriate exemptions from unrelated business income such as 'research' performed by nonprofit institutions for government and all 'research' by universities."

"It's very delicate," says Mr. Hostetler. "No one is suggesting for a minute that colleges and universities do not have an important role to play in education and research. But the tax laws are out of date, and allow them to claim that too many things are related to their educational mission."

Looking Ahead to 1983-84

Private Colleges Will Charge 10 Pct. More; Public-College Costs to Increase 9 Pct.

WASHINGTON

The cost of attending college this year will be about 9 per cent higher at public institutions and 10 per cent higher at private institutions than it was in academic 1982-83, according to a new report from the American Council on Education.

Students attending public colleges and universities will have to pay an average of $4,618 for tuition and fees, room and board, and other expenses in 1983-84, the report said. Students at private institutions will have to pay $8,939, on the average, to cover the same expenses.

The cost projections are lower than those the council made in the fall of 1982, when it forecast a 12-per-cent increase in tuition and fees at public institutions and a 13-per-cent increase at private institutions for 1983-84.

The council estimates that the average cost of attending higher-education institutions this year will outpace the rate of inflation as determined by the Consumer Price Index, which is currently expected to increase at a rate of 4 to 5 per cent in 1983-84.

If that happens, said Cathy Henderson, a research associate at the council, colleges and universities will make up some of the financial ground they have lost since 1977.

"During this period," she said, "high inflation rates forced institutions to pay a larger share of their budgets for utility costs, defer expensive facility maintenance and renovation, and depress faculty and staff compensation below the real cost-of-living annual-increase levels."

As a result, many colleges and universities now need to make extensive and costly repairs to campus buildings and equipment and to increase salaries and fringe benefits for the campus work force, the report indicated.

The report, "College Costs: Recent Trends, Likely Future," will be available next month without charge from the American Council on Education, One Dupont Circle, Washington 20036.

—BEVERLY T. WATKINS

1 College in 5 Expects More Students to Return; 1 in 10 Expects Fewer

Admissions officers at about one in five colleges and universities have predicted that enrollments of returning students will be higher this fall than they were in fall, 1982, according to a new survey conducted for *The Chronicle*.

The survey also indicated that more than one in ten institutions expected fewer returning students, while slightly more than half anticipated no change this fall. The remaining institutions, for the most part, were still uncertain about the number of returnees.

The survey was based on a stratified random sample of 391 four-year colleges and universities with enrollments of more than 500 students. The projections were based on credit-hour enrollment, not head count, and did not include freshmen.

About a quarter of the colleges and universities in the Southeast anticipated more returning students this fall, while closer to a fifth of the institutions in the Great Lakes and Plains region and the West and Southwest were expecting increases.

About 15 per cent of institutions in the Northeast and Mid-Atlantic region anticipated more returning students.

The survey was conducted for *The Chronicle* by John Minter Associates, a higher-education research organization in Boulder, Colo.

Trends in Returning Students

	Higher	Lower	No change
Private colleges and universities			
Research universities	23.8%	9.5%	42.9%
Comprehensive colleges *	14.3%	15.5%	54.8%
Liberal arts	23.2%	11.6%	55.7%
All private institutions	20.0%	12.5%	54.5%
Public colleges and universities			
Research universities	14.7%	11.8%	48.5%
Comprehensive colleges *	25.3%	12.0%	49.3%
All public institutions	22.7%	11.9%	49.1%
Regions			
Northeast and Mid-Atlantic	16.3%	7.0%	59.9%
Great Lakes and Plains	21.9%	19.2%	46.3%
Southeast	26.4%	11.2%	52.8%
West and Southwest	22.7%	7.7%	53.6%
Enrollment			
500 – 2,499	22.9%	11.7%	54.5%
2,500 – 4,999	23.5%	13.0%	47.7%
5,000 – 9,999	17.1%	10.1%	53.8%
10,000 – 19,999	14.8%	19.0%	60.2%
20,000 and over	26.8%	10.9%	30.0%
All institutions	21.5%	12.3%	52.6%

* Institutions with more than 1,500 students, a liberal-arts program, and at least one professional program.

Note: Survey data are from a stratified random sample of 391 four-year colleges and universities, excluding those with enrollment under 500. "Don't know" and "No response" are not included in this table, so percentages will not total 100.

SOURCE: SURVEY FOR THE CHRONICLE BY JOHN MINTER ASSOCIATES

FACT-FILE

Average Faculty Salaries in 1982-83 by Discipline and Rank

227 Public Institutions

	Professor	Associate professor	Assistant professor	New assistant professor	Instructor	All ranks
Agriculture	$31,986	$25,539	$22,748	$22,125	$17,040	$26,261
Architecture	33,839	25,865	24,538	—	—	28,704
Environmental design	—	—	—	—	—	—
Area studies	31,481	27,228	21,662	—	19,083	25,612
Biological sciences	32,515	25,859	21,106	19,849	16,842	27,691
Botany	29,935	25,479	24,571	—	—	27,292
Zoology	31,624	24,292	20,063	—	—	26,590
Business and management	35,134	28,886	24,721	24,244	18,510	27,848
Accounting	35,958	29,740	24,760	24,845	19,033	27,867
Business economics	34,081	27,461	23,123	23,134	18,167	27,394
Business management and administration	34,211	28,519	23,772	23,815	18,541	27,215
Insurance	38,894	29,505	24,481	—	—	29,872
Labor and industrial relations	—	—	—	—	—	28,385
Marketing and purchasing	36,502	30,485	25,346	—	18,566	29,792
Personnel management	—	—	—	—	—	26,740
Real estate	36,823	26,641	25,889	—	—	30,752
Secretarial studies	32,257	26,644	21,560	20,380	16,776	24,823
Communications	31,670	25,379	20,734	19,437	16,414	23,845
Communication media	32,333	26,374	21,543	—	16,420	24,816
Journalism (printed media)	32,510	26,416	21,938	20,808	18,752	25,017
Computer and information science	33,851	28,645	24,271	23,592	18,853	26,177
Education	32,031	26,391	21,690	19,976	17,097	26,624
Curriculum and instruction	32,621	26,652	22,058	20,843	17,622	27,062
Elementary education	31,773	26,588	21,947	19,260	17,827	27,284
Higher education	33,522	26,641	20,877	—	—	30,374
Reading education	30,950	24,940	21,315	—	18,839	25,651
Secondary education	30,950	26,120	21,960	—	—	27,653
Special education	31,915	25,837	21,372	20,132	18,166	25,767
Student personnel	31,943	25,664	21,648	20,278	—	28,069
Vocational and technical education	31,903	26,588	22,162	20,637	18,338	26,335
Engineering	35,269	28,584	24,504	24,794	20,344	29,722
Fine and applied arts	30,383	24,327	20,218	18,849	17,184	24,545
Applied design	33,737	27,000	22,196	—	17,314	26,979
Art	30,642	24,623	20,017	19,046	16,957	24,702
Dance	—	25,406	19,888	—	15,977	21,887
Dramatic arts	32,802	25,587	19,974	18,901	17,486	24,783
Music (liberal-arts program)	31,577	25,309	21,092	19,667	17,386	25,358
Foreign languages	31,876	25,581	21,297	18,544	16,932	25,855
Health professions	31,428	26,553	21,711	21,083	19,016	23,924
Hospital and health-care administration	31,363	27,517	19,573	—	—	24,058
Nursing (baccalaureate and higher programs)	31,625	25,597	21,405	20,285	17,979	21,864
Speech pathology and audiology	32,028	25,932	21,447	—	18,028	25,512
Home economics	32,269	26,076	21,445	20,812	17,337	23,830
Interdisciplinary studies	30,075	26,040	20,758	—	—	25,289
Letters	31,631	25,215	20,821	19,230	15,746	25,123
English	32,162	25,374	21,006	18,625	15,742	25,335
Library science	32,760	26,150	21,373	20,235	17,261	23,952
Mathematics	32,914	26,719	22,036	21,341	16,369	26,323
Physical sciences:						
Chemistry	32,653	26,250	21,640	19,938	16,747	28,511
Geology	32,855	26,401	21,913	21,232	16,433	27,908
Physical science	31,620	26,005	21,755	20,332	17,276	27,576
Physics	33,588	26,809	21,944	21,416	17,404	29,090
Psychology	32,957	26,004	20,767	19,457	17,036	27,587
Public affairs and services	31,868	26,200	21,856	20,930	18,137	24,819
Social sciences	31,917	25,338	21,208	19,790	17,850	26,135
Anthropology	32,797	26,232	20,682	—	17,350	27,381
Geography	32,801	26,252	21,753	21,879	17,609	27,568
History	32,307	25,537	21,430	19,367	16,657	28,277
International relations	—	—	—	—	—	25,795
Political science and government	32,589	25,830	20,874	19,337	17,210	27,016
Sociology	33,075	26,048	20,961	18,705	17,296	26,134
Theology	32,551	—	—	—	—	29,218
All disciplines	**$32,632**	**$26,334**	**$21,818**	**$21,145**	**$17,519**	**$26,475**

— No data or fewer than 10 positions.

299 Private Institutions

	Professor	Associate professor	Assistant professor	New assistant professor	Instructor	All ranks
Agriculture	—	—	$19,816	—	$14,427	$18,972
Architecture	$34,208	$27,851	20,499	$20,700	—	27,263
Environmental design	26,262	28,520	—	—	—	26,077
Area studies	38,653	27,382	24,120	—	—	30,437
Biological sciences	30,987	23,681	19,737	18,058	15,393	24,864
Botany	31,066	22,926	—	—	—	24,994
Zoology	27,403	22,918	17,957	—	—	23,185
Business and management	36,690	28,551	24,275	23,422	18,034	28,186
Accounting	37,379	29,603	24,026	21,758	18,212	27,414
Business economics	37,465	27,777	23,456	22,848	18,882	27,788
Business management and administration	36,390	28,834	23,684	23,838	18,059	27,338
Insurance	—	—	—	—	—	32,582
Labor and industrial relations	—	—	—	—	—	33,686
Marketing and purchasing	—	—	—	—	—	28,225
Personnel management	—	—	—	—	—	27,035
Real estate	—	—	—	—	—	—
Secretarial studies	—	21,939	17,692	—	13,926	18,273
Communications	31,064	25,404	19,924	18,079	14,923	22,481
Communication media	34,619	26,692	20,672	—	17,363	23,736
Journalism (printed media)	31,269	27,837	19,424	18,532	16,434	23,926
Computer and information science	36,483	28,439	23,394	22,399	18,512	26,200
Education	29,693	23,469	19,733	18,103	16,143	23,501
Curriculum and instruction	36,102	28,806	20,924	—	—	28,586
Elementary education	25,941	21,945	17,894	—	14,292	20,525
Higher education	—	—	—	—	—	25,436
Reading education	32,299	26,128	17,283	—	14,043	22,186
Secondary education	26,911	22,251	18,154	—	—	22,282
Special education	29,912	22,505	17,819	—	16,100	21,204
Student personnel	30,769	25,092	21,605	—	—	25,300
Vocational and technical education	—	—	—	—	—	30,447
Engineering	41,179	29,923	26,860	26,533	20,621	33,806
Fine and applied arts	28,871	23,187	18,898	18,997	15,807	22,421
Applied design	26,662	23,028	18,466	—	—	21,652
Art	28,996	22,032	18,025	17,250	14,722	22,239
Dance	29,054	21,360	18,816	—	—	20,732
Dramatic arts	29,235	23,957	18,754	18,691	14,761	21,280
Music (liberal-arts program)	28,330	22,563	18,623	18,148	15,495	22,155
Foreign languages	31,445	24,343	19,635	16,941	15,491	24,016
Health professions	51,477	40,869	31,283	36,406	22,044	37,093
Hospital and health-care administration	—	30,039	23,378	—	—	26,680
Nursing (baccalaureate and higher programs)	29,334	23,716	19,082	18,726	15,742	19,588
Speech pathology and audiology	33,398	24,952	19,832	20,189	16,633	23,307
Home economics	27,809	22,293	18,423	—	15,002	19,610
Interdisciplinary studies	30,332	23,038	19,348	—	16,573	22,613
Letters	30,737	24,136	19,492	17,783	14,785	24,778
English	30,917	23,591	19,001	17,061	16,327	23,985
Library science	32,876	25,703	18,796	—	14,912	23,204
Mathematics	33,970	24,967	20,612	20,641	16,191	25,621
Physical sciences:						
Chemistry	32,127	24,188	19,698	18,975	14,794	26,648
Geology	36,502	26,519	21,496	21,293	—	28,729
Physical science	39,245	27,866	22,900	—	15,617	32,059
Physics	35,521	26,430	21,184	20,606	16,090	29,618
Psychology	31,698	24,612	19,592	19,061	15,701	25,264
Public affairs and services	—	26,090	20,318	—	—	23,807
Social sciences	35,899	24,645	20,519	18,508	15,516	25,636
Anthropology	36,498	25,909	20,354	—	—	27,617
Geography	35,248	26,341	21,231	—	—	27,804
History	30,895	24,751	19,307	18,629	15,264	26,102
International relations	37,188	29,203	23,552	—	—	33,076
Political science and government	32,413	25,631	20,195	18,552	17,389	25,928
Sociology	32,514	24,119	19,312	18,841	15,772	24,221
Theology	28,807	23,757	19,402	18,642	15,700	23,795
All disciplines	**$33,391**	**$25,718**	**$21,033**	**$20,723**	**$16,474**	**$25,697**

SOURCE: COLLEGE AND UNIVERSITY PERSONNEL ASSOCIATION

Helping Female Students *Continued from Page 15*

aimed at both male and female faculty members, so men don't feel singled out for criticism, she says.

"We're saying, 'Look, we all do this,' " says Ms. Sandler. "We all need to improve."

Some teachers who evaluated their behavior after reading the paper say they discovered that they were slighting not only women, but also working-class students or those they judged to be intellectually weak, say Ms. Hall and Ms. Sandler.

Classroom Climate suggests that subtle discrimination against women in the classroom stems from a slowly changing attitude that higher education is essentially a masculine enterprise. Faculty members may openly accept female students while unconsciously sending them damaging messages.

"One response we got was, 'I know I do some of those things—it just didn't occur to me it was discriminatory behavior,' " says Delivee L. Wright, director of the Teaching and Learning Center at the University of Nebraska at Lincoln, which sponsored workshops on the paper last winter.

Time to Answer Questions

Some participants said the paper had made them realize that they did not allow as much time for women to respond to questions as they did men, Ms. Wright says.

"They felt they didn't want to embarrass a young woman by putting her on the spot," Ms. Wright explains. "Then it occurred to them maybe they weren't giving them enough thinking time to answer the question."

Drawing on studies of classroom behavior and first-person reports from students, *Classroom Climate* says teachers discourage the full intellectual growth of female students with actions such as these:

► Making eye contact more often with men than with women.

► Showing more interest in men's comments than in women's—such as by assuming an attentive posture when men speak but looking distracted when women speak, by regularly sitting or standing near male students, or by nodding and gesturing more often in response to men's statements.

► Addressing the class as if no women were present. ("Suppose your wife . . . ," or "When you were a boy . . . .")

► Interrupting women more often than men, or letting students do so.

► Favoring men in choosing student assistants.

► Allowing women to be physically "squeezed out" from viewing a laboratory assignment or a demonstration.

Faculty members should be sensitive to research that highlights differences in male and female speech patterns, *Classroom Climate* suggests.

As an example, it says that women more than men speak in a high pitch with a questioning intonation. Women also tend to use deferential phrases ("This is probably not important") and "tag" questions ("Don't you think?"), the paper adds.

Yet in a college or university setting, it adds, assertive speech and competitive interchanges are often highly valued—with the result that female students may be placed at a disadvantage in the classroom.

Taping Recommended

The paper recommends that faculty members evaluate their classroom behavior by using audiotapes or videotapes, asking colleagues or students to observe them, and including questions about the classroom climate on evaluation forms given to students.

The Classroom Climate: A Chilly One for Women? is available for $3 from the Project on the Status and Education of Women, Association of American Colleges, 1818 R Street, N.W., Washington 20009.

8/11/83
C2175-10

THE CHRONICLE
of Higher Education

ISSN 0009-5982

August 3, 1983 • $1.75
Volume XXVI, Number 23

News Summary

Articles on inside pages

National Public Radio and the Corporation for Public Broadcasting have agreed on terms for a loan to bail out N.P.R. Story on Page 2.

Tuition and fees at public four-year colleges and universities will average $1,105 in 1983-84; private colleges next year will cost an average of $4,627. Story and Fact-File on Pages 5-10.

David S. Dodge, the American University of Beirut official who was released by kidnapers last month, refused to disclose details of his yearlong ordeal. Story on Page 18.

Student leaders intend to concentrate their 1984 electoral efforts on Congressional races in an attempt to increase their impact on national politics. Story on Page 11.

Many colleges plan to offer "incentive" scholarships to encourage students to teach mathematics or science in the public schools. Story on Page 13.

Beginning this week, women's athletic programs will be subject to the full enforcement of N.C.A.A. rules governing recruitment and related activities. Story on Page 15.

Faculty positions increased at some colleges and universities during 1982-83, a survey for *The Chronicle* has found. Story on Page 19.

Fashions in womanly beauty last longer than the latest dress styles—but not much longer, according to the author of a new historical study, *American Beauty*. Story on Page 21.

ALSO IN THIS ISSUE

Athletics	15-17
Books	21-24
Bulletin Board	28-47
Calendar of Events	27
Computers	20
Deadlines	27
Deaths	27
Fact-File	5-10
Gazette	26-27
Grants	27
International News	18
Letters	25
Marginalia	2
News in Brief	2-3
Personal & Professional	19-20
Point of View	48
Washington News	14

Cal. Governor Cuts College Aid by $381-Million

One official calls budget 'worst in modern times'

By JACK McCURDY
SACRAMENTO, CAL.

Gov. George Deukmejian of California has slashed $381-million from the $3.7-billion approved by the state legislature for higher education in 1983-84.

Unless the legislature overrides his vetoes of specific allocations for the state's three higher-education systems—an action that political observers consider unlikely—California will be faced with what Patrick M. Callan, executive director of the California Postsecondary Education Commission, described as "the worst budget for higher education in modern times."

As a result of the cuts, the California Community College system is expected to impose, for the first time in its history, a state-mandated student fee of up to $100. The cuts would also result in higher fees at the 9 campuses of the University of California and the 19 campuses of the California State University system.

Specifically, Mr. Deukmejian cut:

► $73-million from the $1.1-billion approved by the legislature for the University of California system.

► $85-million from the $1-billion approved for the California State University system.

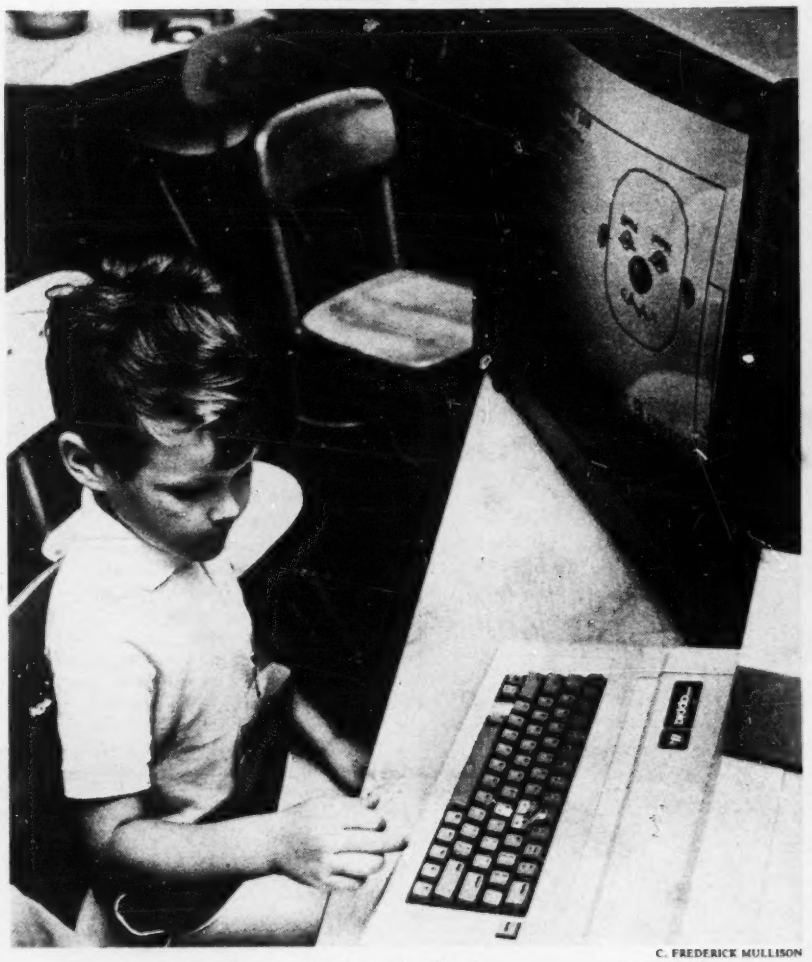
► $223-million from the $1.6-billion approved for the state's 107 two-year colleges.

Legislators are scheduled to reconvene August 15 to decide whether to approve the student fees at the community colleges or to allow the institutions to suffer the cut. Democratic lawmakers have assailed Mr. Deukmejian, a Republican, over the cuts, but political observers do not believe his opponents have the votes to override his actions.

Opponents of the measure have charged

Continued on Page 10, Column 4

CHILD'S PLAY



C. FREDERICK MULLISON

A preschooler at a University of Delaware summer camp shows none of the fear of computers that adults sometimes do. See story on Page 12.

Guaranteed Loans to Rise 25 Pct. to $7.7-Billion, U.S. Now Says

By JANET HOOK
WASHINGTON

Borrowing under the federal Guaranteed Student Loan program will increase by almost 25 per cent this year, according to new estimates by the Office of Management and Budget. The projected increase in the amount borrowed in fiscal 1983, which ends on September 30, is significantly more than the 10 per cent predicted by the O.M.B. in earlier estimates.

The increase would reverse the sharp decline in borrowing registered in fiscal 1982, following the imposition of tighter eligibility standards.

In a report revising President Reagan's budget proposals to reflect changing economic conditions, the O.M.B. has predicted that borrowing will increase from $6.2-billion in fiscal 1982 to $7.7-billion in fiscal 1983—about the same amount as was borrowed in fiscal 1981. About half the guaranteed loans made in fiscal 1983 will be used by students in the 1983-84 academic year.

Some student-aid analysts believe that the amount borrowed will not increase as much as the Administration is projecting, and that trends will vary widely from state to state. In New York and Massachusetts, for example, student-loan officials expect the borrowing to increase only about 10 per cent this year. The Congressional

Continued on Page 14, Column 1

UNIVERSITY TARGET OF TERRORIST ATTACK

UPI

An ambulance transports Arab youths wounded in an assault on Hebron University by unidentified masked gunmen. See story on Page 18.

Tuition and Student Fees at Over 2,600 Colleges and Universities

Following are the tuition and fees charged at more than 2,600 colleges, universities, and other postsecondary institutions for the 1982-83 and 1983-84 academic years, including additional tuition, for 1983-84, that many institutions charge to out-of-state students.

The figures were compiled by the College Scholarship Service, the financial-aid division of the College Board.

A blank space indicates that an institution will have no such charge. An asterisk (*) indicates that current figures are not available. Institutions that did not report tuition and fees for 1983-84 have been omitted.

The College Scholarship Service's complete report, *The College Cost Book, 1983-84*, will be available September 1. Copies can be ordered, at $9.95 each, from College Board Publications, Dept. A-30, Box 886, New York 10101.

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
ALABAMA			
Alabama Christian C	2,880	2,880	
Alabama St U	600	780	780
Athens St C	900	1,080	1,080
Auburn U	*	990	1,290
Auburn U at Montgomery	*	795	1,035
Concordia C	*	2,060	
Gadsden Business C	*	2,495	
Herzing Inst	*	4,520	
Huntingdon C	2,700	2,800	
International Bible C	*	1,740	
Jacksonville St U	700	700	350
Judson C	2,330	2,530	
Marion Military Inst	3,527	3,835	
Miles C	2,400	3,000	
Mobile C	*	2,590	
Oakwood C	3,753	3,966	
Samford U	3,090	3,424	96
Selma U	*	3,285	
Spring Hill C	4,500	5,050	
Stillman C	2,180	2,400	
Talladega C	2,967	2,967	
Troy St U		1,005	472
Dothan-Ft Rucker	*	1,005	473
Montgomery	*	900	472
Tuscaloosa St Tech C	*	500	
Tuskegee Inst	2,750	3,000	
Twentieth Century C	*	2,720	
U of Alabama	*	1,150	1,300
Birmingham	*	1,431	1,386
Huntsville	*	1,167	1,167
U of Montevallo	918	1,090	600
U of N Alabama	870	967	400
U of S Alabama	*	1,311	600
Walker C	1,126	1,252	
ALASKA			
Alaska Bible C	1,202	1,444	
Alaska Pacific U	3,000	3,190	
Sheldon Jackson C	3,160	3,220	
U of Alaska Anchorage	*	648	960
Fairbanks	*	788	960
Juneau	*	624	960
Kenai Peninsula CC	*	600	960
Ketchikan CC	*	600	960
Kuskokwim CC	*	600	960
Matanuska-Susitna CC	*	612	960
Northwest CC	*	612	960
Sitka CC	*	600	960
Tanana Valley CC	*	788	450
ARIZONA			
Arizona C of Bible	1,870	2,230	
Arizona St U	710	850	2,665
Arizona Western C	390	400	2,784
Biosystems Inst	3,465	3,465	
Central Arizona C	*	360	2,496
Cochise C	*	450	2,130
C of Ganado	1,452	1,452	
Eastern Arizona C	300	330	2,350
Embry-Riddle Aero U Prescott	2,930	2,930	
Glendale CC	*	420	2,250
Grand Canyon C	2,483	2,681	
Maricopa Tech CC	264	420	2,250
Mesa CC	*	420	2,250
Mohave CC	206	270	2,520
Navajo CC	*	730	
Northern Arizona U	710	850	2,145
Northland Pioneer C	100	100	1,800
Phoenix C	*	420	2,250
Phoenix Sch of Welding	*	4,300	
Pima CC	308	450	2,040
Prescott C	3,575	3,875	
Rio Salado C	264	420	2,250
Ron Baillie Sch of Broadcasting	*	5,590	
Scottsdale CC	172	420	2,250
South Mountain CC	264	420	2,250
SW Baptist Bible C	2,126	2,300	
U of Arizona	710	850	2,665
U of Phoenix	3,500	3,650	
Western Internat'l U	1,500	1,525	
Yavapai C	430	408	3,444
ARKANSAS			
Arkansas C	3,300	3,535	
Arkansas St U	730	760	600
Beebe Branch	568	600	220
Arkansas Tech U	750	840	780
Black River Voc-Tech Sch	*	300	
Central Baptist C	*	800	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
ARKANSAS—Continued			
C of the Ozarks	1,300	1,515	
Crowley's Ridge C	1,590	1,725	
East Arkansas CC	432	432	336
Garland County CC	432	480	1,032
Harding U	2,831	2,943	
Henderson St U	720	810	790
Hendrix C	3,275	3,716	
John Brown U	2,500	2,700	
North Arkansas CC	432	480	384
Ouachita Baptist U	*	2,750	
Philander Smith C	*	1,635	
Phillips County CC	432	464	412
S Arkansas U	720	810	470
El Dorado Branch	504	600	288
Technical Branch	552	600	300
Southern Baptist C	2,094	2,062	
U of Arkansas	780	900	1,260
Little Rock	800	900	1,260
Medical Sciences	*	900	1,260
Monticello	768	850	900
Pine Bluff	710	860	1,260
U of Central Arkansas	*	740	710
Westark CC	468	522	720
CALIFORNIA			
Ambassador C	1,553	1,600	
American Acad Dramatic Arts—West	2,975	2,975	
American River C	*	0	2,190
Antelope Valley C	*	25	1,950
Antioch U West	*	4,650	
Armstrong C	2,178	2,178	
Art Center C of Design	3,940	4,310	
Azusa Pacific U	4,380	4,780	
Bakersfield C	*	60	2,160
Barstow C	*	0	2,205
Bethany Bible C	2,722	2,962	
Biola U	4,082	4,470	
Bjorn s Hairstyling Acad	*	3,000	
Brooks C	3,780	3,780	
Brooks Inst	3,100	3,100	
Cal Baptist C	3,022	3,320	
Cal C of Arts & Crafts	4,810	5,190	
Cal Inst of Arts	5,600	6,200	
Cal Inst of Tech	7,575	8,781	
California Lutheran C	4,510	5,010	
Cal Maritime Academy	1,192	1,309	1,752
Cal Sch of Court Reporting	*	2,200	
Cancer Foundation of Santa Barbara Sch of Tech	*	400	
Cerritos CC	*	16	2,130
Chabot C	*	100	2,250
Chaffey C	*	15	2,475
Chapman C	5,570	6,220	
Christ C Irvine	3,120	3,600	
Christian Heritage C	3,000	3,170	
Citrus College	*	100	2,160
Claremont McKenna C	7,250	8,010	
Cogswell C	3,200	3,600	
C of the Canyons	*	0	2,400
C of Ctr for Early Ed	2,100	2,365	
C of the Desert	*	45	2,520
C of Notre Dame	4,700	5,100	
C of the Sequoias	*	20	2,400
C of the Siskiyous	30	35	2,160
Columbia C	*	9	2,610
Columbia C Hollywood	*	3,000	
Commercial Diving Ctr	4,700	4,700	
Cosumnes River C	*	0	2,190
Cypress C	10	25	2,160
De Anza C	*	27	2,160
Dominican C San Rafael	4,510	4,954	
Dominican Sch of Philos & Theology	*	2,410	
Don Bosco Tech Inst	1,850	1,850	
D-Q University	3,030	3,030	
East Los Angeles C	*	0	2,940
El Camino C	*	10	2,190
Evergreen Valley C	*	20	2,700
Fashion Inst of Design & Merch	4,100	5,420	
Feather River C	*	20	2,160
Foothill C	*	50	2,110
Fresno City C	*	8	2,190
Fresno Pacific C	3,890	4,250	
Gavilan C	*	18	2,610
Glendale CC	*	15	2,160
Golden Gate U	2,610	2,830	
Grossmount Adult Health Careers Center	*	300	
Grossmont C	*	0	2,160
Harvey Mudd C	7,560	8,260	
Hebrew Union College Jewish Inst of Religion	*	4,300	
Holy Names C	4,570	5,020	
Humphreys C	*	2,090	
International College	4,000	4,250	
John F. Kennedy U	*	3,230	
Kings River CC	*	8	2,190
La Puente Valley Voc Ctr	70	105	
Lassen C	30	30	2,280
Life Bible C	1,980	2,070	
Lincoln U	2,535	2,800	
Loma Linda U	5,230	5,490	
Los Angeles Baptist C	3,600	3,490	
Los Angeles City C	*	0	2,940
Los Angeles County Med Center Sch of Nursing	1,200	1,200	
Los Angeles Harbor C	*	20	2,940
Los Angeles Mission C	*	0	2,940
Los Angeles Pierce C	*	0	2,940
Los Angeles SW C	*	7	2,940
Los Angeles Trade and Tech C	*	0	2,940
Los Angeles Valley C	*	0	2,940
Loyola Marymount U	5,139	5,605	
Marymt Palos Verdes C	3,675	4,185	
Menlo C	5,970	6,490	
Merced C	*	160	2,160
Mills C	6,450	7,220	
Modesto JC	*	8	2,640
Monterey Inst of Internatl Studies	4,950	5,450	

Student Fees Up 11 Pct. at Private Institutions, 12 Pct. on Public Campuses, College Board Says

NEW YORK

Increases in tuition costs will average 12 per cent at public four-year colleges and universities this fall and 11 per cent at private institutions, the College Scholarship Service announced last week.

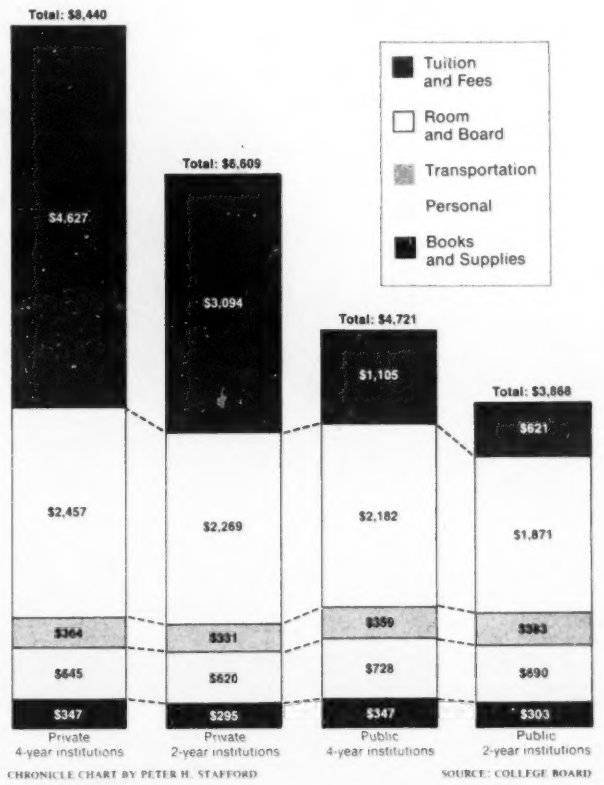
The cost of living, as measured by the government's Consumer Price Index, rose 2.6 per cent during the 12 months ending June 30.

According to the scholarship service, the financial-aid division of the College Board, tuition and student fees at four-year public institutions will average $1,105 for academic 1983-84, compared with $979 last year. At private four-year colleges, they will average $4,627, up from $4,021 last year.

For public two-year institutions, the same costs will average $621, an increase of 9 per cent from the previous year. For private two-year colleges, the average will be $3,094, an increase of 11 per cent from 1982-83.

Tuition and fees for out-of-state students attending public institutions will average $1,472 more than costs for state residents at four-year colleges and $1,198 more at two-year institutions this fall.

The estimates are based on information provided by more than 2,600 public and private institutions of higher education that participated in the College Board's annual survey of college costs for academic 1983-84. In general, only tuition increases announced before June 1 were included in the estimates.



CHRONICLE CHART BY PETER H. STAFFORD SOURCE: COLLEGE BOARD

The survey indicated that students who live on campus at four-year public colleges and universities will pay average total costs—tuition and fees, room and board, and other expenses—of $4,721 this year, up 7 per cent from last year. Students living on campus at private institutions will pay an average of $8,440, an increase of 11 per cent over 1982-83.

Students who commute will pay between $900 and $1,100 less than campus residents.

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
CALIFORNIA—Continued			
Mount St Mary's C	4,560	5,160	
Mount San Antonio C	*	48	2,370
Napa Valley C	*	18	2,160
National U	3,060	3,240	
New C of Cal	2,740	3,000	
North Valley Occupational Center	*	50	
Northrop U	4,995	5,445	
Occidental C	6,999	7,899	
Otis Art Inst, Parsons Sch of Design	4,780	5,380	
Pacific Career C	*	3,300	
Pacific Christian C	2,756	2,750	
Pacific Oaks C	4,820	5,100	
Pacific Travel Sch	2,495	3,090	
Pacific Union C	5,220	5,490	
Palo Verde C	*	20	1,170
Palomar C	*	30	2,250
Patten C	*	2,256	
Pepperdine U	6,688	7,527	
Pitzer C	7,828	8,702	
Point Loma C	3,693	3,783	
Pomona C	7,390	8,110	
Porterville C	*	45	2,160
Ron Baillie Sch of Broadcasting	4,990	5,590	
Saddleback CC	*	10	2,160
St Joseph's C	*	3,500	
St Luke's Sch of Nursing	2,700	2,730	
St Mary's C of Cal	5,130	5,530	
Salinas Beauty C	1,940	2,421	
Samuel Merritt Hospital Sch of Nursing	*	6,600	
San Bernardino Valley C	*	8	2,250
San Diego City C	*	10	1,860
San Diego Mesa C	*	4	1,860
San Diego Miramar C	*	4	1,860
San Francisco Art Inst	4,820	5,110	
San Francisco C of Mortuary Science	*	2,773	
San Fran Cons of Music	5,035	5,335	
San Joaquin Delta C	*	0	2,190
San Jose Bible C	2,112	2,685	
Santa Rosa JC	*	50	2,160
Scripps C	7,190	7,965	
Sequoia Auto Inst	4,100	4,580	
Simpson C	3,050	3,250	
Solano CC	*	0	2,370

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
CALIFORNIA—Continued			
Southern California C	3,096	3,376	
Southern California Inst of Architecture	3,730	4,230	
Southwestern C	*	50	1,584
Stanford U	8,220	9,027	
Taft C	*	0	2,160
Transprtn Training Corp	3,800	3,495	
U S International U	4,770	5,597	
U of Judaism	3,040	3,340	
U of La Verne	5,156	5,764	
U of the Pacific	7,615	8,015	
U of Redlands	6,750	7,510	
U of San Diego	5,160	5,760	
U of San Francisco	4,980	5,420	
U of Santa Clara	5,190	5,697	
U of Southern Cal	7,160	7,925	•
U of West Los Angeles	2,274	4,000	
Valley C of Med and Dental Careers	*	3,832	
West Coast Christian C	1,800	2,040	
West Coast U	*	3,912	
West Hills C	*	60	
West Los Angeles C	*	0	2,250
West Valley C	*	32	2,100
Western St U C of Law Orange County	4,396	4,880	
San Diego	4,396	4,906	
Westmont C	5,490	5,876	
Whittier C	5,886	6,861	
Woodbury U	3,819	4,121	
World C West	3,810	4,600	
Yeshiva U of L A	2,200	2,200	
COLORADO			
Adams St C	*	1,000	2,008
Baptist Bible C of Denver	*	2,550	
Bernel Hairstyling C	2,150	2,150	
Beth-El Sch of Nursing, Memorial Hosp	2,350	2,668	1,568
Colorado C	6,400	7,000	
Colorado Mountain C Spring Valley	*	620	2,610
Timberline	*	606	2,610
Colorado NW CC	580	580	1,790
Colorado Sch of Mines	2,280	2,554	3,894
Colorado St U	951	1,264	3,111
Colorado Tech C	*	2,650	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
COLORADO—Continued			
Intermountain Bible C	1,212	1,220	
Loretto Heights C	4,945	5,445	
Metropolitan St C	*	872	2,380
Naropa Inst	3,405	3,405	
National Camera Tech Training Division	*	4,150	
Nazarene Bible C	1,143	1,484	
Northeastern JC	423	438	1,731
Regis C	5,160	5,820	
Rockmont C	3,225	3,640	
Rocky Mtn Sch of Art	2,780	3,300	
Ron Baillie Sch of Broadcasting	*	5,590	
Trinidad St JC	*	864	1,368
U of Denver	6,150	6,696	
U of So Colorado	974	1,066	2,878
Western Bible C	*	2,805	
Western St C of Colorado	*	1,009	2,544
CONNECTICUT			
Albertus Magnus C	4,802	5,490	
Asnuntuck CC	434	500	1,104
Briarwood C	3,190	3,665	
Bridgeport Engineering Inst	1,705	1,730	
Bridgeport Hospital Sch of Nursing	*	2,529	
Central Conn St C	951	1,051	1,130
Connecticut Bus Inst	*	3,330	
Connecticut C	8,000	8,750	
Connecticut Sch of Electronics	3,350	3,800	
Creative Hairstyling & Skin Care Sch	2,500	2,900	
Creative Sch of Hairdressing	*	2,900	
E Connecticut St C	992	1,092	1,130
Fairfield U	5,145	5,690	
Greater Hartford CC	434	500	1,104
Greater New Haven St Tech C	492	576	1,173
Hartford C for Women	4,150	4,600	
Hartford Cons of Music & Dance	*	2,855	
Hartford St Tech C	492	576	1,173

Continued on Following Page

Tuition *Continued from Preceding Page*

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
CONNECTICUT—Continued			
Henry Abbott Regional Voc-Tech Sch	0	0	1,966
Holy Apostles C	*	2,235	
Hosp of St Raphael Sch of Rad Tech	500	500	
Housatonic Regional CC	434	500	1,104
Manchester CC	*	500	1,104
Mattatuck CC	434	500	1,104
Middlesex CC	434	500	1,104
Mitchell C	5,410	5,843	
Mohegan CC	434	500	1,104
Morse Sch of Business	*	3,390	
NW Connecticut CC	434	500	1,104
Norwalk CC	434	500	1,104
Norwalk St Tech C	492	576	1,173
Ona M. Wilcox Sch of Nursing	*	2,434	
Post C	4,000	4,200	
Quinebaug Valley CC	434	500	1,104
Quinnipiac C	5,145	5,590	
Sacred Heart U	3,450	3,750	
St Alphonsus C	2,900	2,900	
St Francis Hospital Sch of Nursing	*	1,800	
St Joseph C	4,570	4,820	
South Central CC	434	500	1,104
S Connecticut St C	883	993	1,130
Thames Valley St Tech C	492	576	1,173
Trinity C	7,490	8,420	
Tunxis CC	434	500	1,104
U.S. Coast Guard Acad	*	300	
U of Bridgeport	5,943	6,453	
U of Connecticut	1,225	1,467	3,080
U of Hartford	6,400	7,150	
Waterbury St Tech C	492	576	1,173
Wesleyan U	8,370	8,810	
W Connecticut St C	816	1,029	1,130
Yale U	8,190	9,050	
DELAWARE			
Brandywine C of Widener U	3,600	3,950	
Delaware St C	650	650	950
Delaware Tech & CC Southern Campus	*	591	576
Stanton/Wilmington	601	601	576
Goldey Beacom C	2,700	3,030	
Wesley C	5,230	5,230	
Wilmington C	3,180	3,220	
Wilmington Med Ctr Radiologic Tech	660	800	
DIST. OF COLUMBIA			
American U	6,270	7,070	
Beacon C	2,450	3,035	
Ben Franklin U	2,750	2,750	
Catholic U of America	5,870	6,370	
Corcoran Sch of Art	3,980	4,470	
Gallaudet C	1,275	1,654	
George Wash U	5,100	6,300	
Georgetown U	6,830	7,730	
Howard U	2,515	2,715	
Mount Vernon C	4,800	5,800	
Southeastern U	3,000	3,820	
Strayer C	*	2,640	
Trinity C	5,485	6,000	
FLORIDA			
Art Inst of Ft Lauderdale	*	4,485	
Baptist Bible Inst	*	875	
Barry U	4,400	4,790	
Bauder Fashion C	4,105	4,670	
Bethune-Cookman C	3,162	3,212	
Biscayne C	3,300	4,070	
Brevard CC	480	580	570
Broward CC	480	570	660
Central Fla CC	480	570	660
Clearwater Christian C	1,715	1,945	
C of Boca Raton	4,400	5,000	
Collier County Voc-Tech Ctr	170	170	50
Daytona Beach CC	540	570	660
Eckerd C	5,595	6,090	
Edison CC	510	570	690
Embry-Riddle Aero U	2,930	2,930	
Flagler C	2,700	2,830	
Florida C	2,300	2,400	
Florida Inst of Tech	3,985	3,750	
Florida JC Jacksonville	480	480	540
Florida Keys CC	480	570	660
Florida Memorial C	*	2,700	
Florida Southern C	3,360	3,645	
Fort Lauderdale C	1,840	2,050	
Gulf Coast CC	520	560	540
Hillsborough CC	*	580	660
Hobe Sound Bible C	1,600	1,700	
Indian River CC	510	510	540
International Fine Arts C	5,985	5,985	
International Tech Inst	*	3,895	
Jacksonville U	3,985	4,400	
Jones C	1,440	2,484	
Loraine's Hairstyling Acad	*	2,100	
Manatee JC	510	510	630
Miami Christian C	2,750	3,010	
Miami-Dade CC	540	595	660
Morris JC of Business	1,458	1,840	
North Florida JC	420	420	420
Nova U	*	3,600	
Okaloosa-Walton JC	480	510	570
Orlando C	1,620	2,275	
Palm Beach Atlantic C	2,350	2,770	
Palm Beach JC	540	570	570
Pasco-Hernando CC	540	580	660
Pensacola JC	510	600	600
Pinellas Voc-Tech Inst	180	180	50
Polk CC	*	510	660
Ringling Sch of Art and Design	2,600	3,725	
Rollins C	5,936	6,586	
St John Vianney C Seminary	1,875	1,990	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
FLORIDA—Continued			
St Johns River CC	480	480	600
St Leo C	3,801	4,046	
St Petersburg JC	540	570	660
Santa Fe CC	480	570	540
Seminole CC	540	570	630
Stetson U	4,385	4,740	
Sunstate C of Hair Design	*	2,000	
Tampa C	1,800	2,025	
Tampa Tech Inst	*	3,919	
United Electronics Inst	4,200	3,563	
U of Miami	5,896	6,546	
U of Sarasota	2,850	2,850	
U of Tampa	5,036	5,678	
Valencia CC	540	570	660
Warner Southern C	3,350	3,400	
Webber C	3,175	3,175	
GEORGIA			
Abraham Baldwin Agr C	633	705	1,125
Agnes Scott C	5,175	5,575	
Albany JC	*	609	1,122
Albany State C	*	966	1,485
Andrew C	*	1,836	
Armstrong St C	751	847	1,485
Atlanta Area Tech	115	160	240
Atlanta Christian C	1,574	1,670	
Atlanta C of Art	3,850	4,330	
Atlanta JC	519	591	1,125
Augusta C	750	846	1,485
Bainbridge JC	523	595	1,125
Bauder Finishing & Career C	*	3,905	
Berry C	3,480	3,975	
Beulah Hts Bible C	1,050	1,140	
Brenau C	3,076	3,150	
Brewton-Parker C	1,725	1,900	
Brunswick JC	579	651	1,125
Clark C	3,315	3,515	
Clayton JC	513	591	1,125
Columbus C	735	830	1,485
Coosa Valley Voc-Tech Sch	*	280	
Covenant C	4,070	4,310	
Crandall C	2,600	2,600	
Dalton JC	519	591	1,125
DeKalb CC	630	690	720
DeVry Inst of Tech	3,025	3,188	
Draughon's JC	2,000	2,030	
Emanuel County JC	534	606	1,125
Emmanuel C	1,900	1,980	
Emmanuel C Sch of Christian Ministries	1,980	1,980	
Emory U	6,270	6,920	
Fort Valley State C	*	990	1,476
Gainesville JC	537	609	1,125
Georgia Baptist Hosp Sch of Nursing	*	1,920	
Georgia C	771	886	1,486
Georgia Inst of Tech	1,089	1,226	2,400
Georgia Military C	1,663	1,693	
Georgia Southern C	855	963	1,485
Georgia Southwestern C	834	930	1,485
Georgia St U	915	1,050	2,340
Gordon JC	*	621	1,125
Gupton-Jones C of Funeral Service	*	3,200	
Houston Voc Center	*	130	
Kennesaw C	684	807	1,485
La Grange C	2,415	2,625	
Lanier Area Voc-Tech Sch	*	228	
Macon JC	*	591	1,125
Med C of Georgia	1,055	1,143	1,966
Mercer U Atlanta	3,665	4,530	
S Sch of Pharmacy	2,997	3,330	
Middle Ga C	4,350	4,804	
Morehouse C	514	696	1,125
Morris Brown C	3,256	3,556	
North Georgia C	3,170	3,370	
Oglethorpe U	801	915	1,485
Oxford C of Emory U	3,990	4,490	
Paine C	4,900	5,200	
Phillips C: Columbus	2,535	2,970	
Piedmont C	*	3,563	
Reinhardt C	1,783	1,933	
Savannah C of Art & Design	2,244	2,625	
Savannah St C	*	3,360	
Shorter C	855	867	1,362
S Georgia C	2,700	2,950	
Southern Tech Inst	*	678	1,125
Spelman C	768	879	1,485
Thomas County CC	3,200	3,540	
Tift C	1,575	1,716	
Toccoa Falls C	2,385	2,610	
Truett McConnell C	2,500	2,770	
U of Georgia	*	2,317	
Valdosta St C	1,107	1,242	1,966
Waycross JC	849	945	1,485
Wesleyan C	522	594	1,125
West Georgia C	3,730	3,145	600
Young Harris C	834	966	1,485
	2,190	2,190	
HAWAII			
Brigham Young U Hawaii Campus	1,050	1,150	
Cannon's International Bus C of Honolulu	*	2,352	
Chaminade U: Honolulu	2,980	3,378	
Hawaii Loa C	3,200	4,000	
Hawaii Pacific C	*	2,900	
Hawaii Sch of Bus	*	1,772	
Hollywood Beauty C	2,919	3,526	
U of Hawaii Hilo	110	185	1,640
Honolulu CC	90	170	1,310
Kapiolani CC	90	170	1,310
Kauai CC	90	170	1,310
Leeward CC	90	170	1,310
Manoa	480	650	1,440
Maui CC	90	170	1,310
West Oahu C	400	510	1,090
Windward CC	90	170	1,310

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
IDAHO			
Boise St U	701	900	1,900
C of Idaho	4,600	5,003	
C of Southern Idaho	586	650	600
Idaho St U	705	811	1,900
Lewis-Clark St C	640	740	1,900
Mr Juan's C Hair Design	1,000	1,250	
NW Nazarene C	3,480	3,735	
Ricks C	1,140	1,350	
U of Idaho	716	816	2,000
ILLINOIS			
Alvareita's C of Cosmetology	*	738	
American Cons of Music	3,400	3,400	
Augustana C	4,743	5,196	
Aurora C	3,975	4,375	
Barat C	4,800	4,900	
Belleville Area C	570	630	1,320
Black Hawk C East Campus	944	944	1,520
Blackburn C	3,320	3,810	
Bradley U	4,590	5,150	
Brisk Rabbinical C	2,100	2,100	
Capri-Garfield Ridge Sch of Beauty Culture	*	2,125	
Carl Sandburg C	612	619	1,929
City C of Chicago Chicago City-Wide C	640	710	820
Loop C	640	710	820
Malcolm X C	*	710	820
Olive-Harvey C	640	710	820
Wright C	640	710	820
C of DuPage	680	765	1,620
C of Lake County	485	545	2,014
C of St Francis	3,560	3,834	
Concordia C	3,021	3,047	
De Lourdes C	1,350	1,450	
De Paul U	4,260	4,332	
Debbie's Sch of Beauty Culture	*	2,650	
DeVry Inst of Tech	3,025	3,250	
Elgin CC	*	788	1,803
Elmhurst C	3,850	4,040	
Eureka C	3,750	3,350	
Evangelical Sch of Nursing	3,142	3,618	
Felician C	1,560	1,860	
George Williams C	4,575	5,136	
Greenville C	4,290	4,587	
Hebrew Theol C	*	1,435	
Highland CC	512	540	1,620
Illinois Benedictine C	4,201	4,601	
Illinois Central C	480	512	2,526
Illinois C	3,075	3,300	
Illinois Inst of Tech	5,700	6,390	
Illinois Tech C	*	4,082	
Illinois Valley CC	*	350	1,955
Illinois Wesleyan U	5,427	5,870	
International Acad of Merch & Design	3,950	3,960	
John Wood CC	450	590	1,800
Joliet JC	*	620	1,677
Joliet Township High Sch: Sch of Practical Nursing	*	1,050	
Judson C	*	5,060	
Kankakee CC	512	585	1,650
Kendall C	3,468	3,950	
Kishwaukee C	562	668	1,472
Knox C	6,435	6,999	
Lake Forest C	6,745	7,710	
Lake Land C	*	780	1,572
Lakeview Med Ctr Sch of Nursing	2,050	3,000	
LaSalle S of Beauty Cul	1,650	1,650	
Lewis & Clark CC	*	528	1,650
Lewis U	4,190	4,758	
Lincoln Christian C	*	2,720	
Lincoln C	4,300	4,580	
Loyola U of Chicago	4,170	4,660	
MacCormac C	2,970	3,150	
MacMurray C	4,470	4,870	
Mallinckrodt C	2,270	2,430	
McKendree C	3,390	3,670	
Memorial Medical Ctr J. Edward King Sch of Radiography	*	600	
Midstate C	*	2,515	
Midwest C of Engr	4,320	4,320	
Millikin U	4,857	5,057	
Moline Public Hosp Sch of Nursing	*	2,881	
Monmouth C	5,335	6,050	
Moody Bible Inst	130	316	
Morrison Inst of Tech	2,150	2,230	
Morton C	540	570	2,438
Mundelein C	4,155	4,515	
National C of Ed	4,620	4,545	
Native American Educational Services	*	3,350	
Niles C	*	4,682	
North Central C	4,764	5,187	
North Park C & Theol Sem	4,600	4,919	
Northwestern U	8,085	8,895	
Northwestern U Dental Sch: Hygiene Program	*	5,715	
Oakton CC	*	500	2,445
Olivet Nazarene C	3,340	3,606	
Parkland C	510	585	3,070
Parks C of St Louis U	3,240	3,470	
Principia C	5,616	6,210	
Quincy C	4,000	4,300	
Ray-Vogue C of Design	*	3,600	
Rend Lake C	*	480	2,448
Rock Valley C	*	720	1,466
Rockford C	4,490	4,990	
Roosevelt U	3,882	4,302	
Rosary C	4,300	4,700	
Rush U	*	4,740	
St Francis Hospital Sch of Nursing	*	4,939	
St Mary of Nazareth Hosp Sch of Nursing	4,085	4,900	
St Mary's Hospital Sch of Med Tech	100	100	
Sauk Valley C	750	750	1,225
Sch of Art Inst: Chicago	5,105	5,550	
Sherwood Music Sch	2,200	2,200	
Shimer C	*	3,930	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
ILLINOIS—Continued			
SE Illinois C	330	540	2,340
S Illinois U Carbondale	1,200	1,307	1,788
Edwardsville	1,042	1,184	1,764
Spertus C of Judaica	2,400	2,680	
Springfield C	2,705	2,680	
Sterling Sch of Beauty Culture	720	900	
Thornton CC	664	784	1,680
Tri-County Beauty Acad	1,275	2,000	
Trinity Christian C	3,700	4,270	
Trinity C	4,300	4,575	
Triton C	*	660	1,788
U of Chicago	7,065	8,043	
U of Illinois Chicago	1,200	1,533	2,208
Health Sciences Center	1,494	1,833	2,208
Urbana-Champaign	1,210	1,532	2,208
Waubonsee CC	*	643	1,959
Wheaton C	4,780	5,280	
William Rainey Harper C	*	780	1,731
INDIANA			
Ancilla Domini C	1,102	1,159	
Anderson C	3,840	4,160	
Ball St U	1,275	1,362	1,758
Bethel C	3,220	3,474	
Butler U	4,440	4,980	
Calumet C	2,033	2,273	
DePauw U	6,250	6,700	
Earlham C	6,520	6,900	
Fort Wayne Bible C	*	3,474	
Franklin C	4,790	5,050	
Goshen C	4,165	4,375	
Grace C	3,546	3,660	
Hanover C	3,600	3,800	
Huntington C	4,085	4,375	
Indiana Central U	4,100	4,450	
Indiana Inst of Tech	3,510	3,840	
Indiana Northern U	*	3,330	
Indiana St Beauty C	2,018	2,118	
Indiana St U	1,275	1,410	1,876
Evansville	1,080	1,193	1,624
Indiana U-Purdue U Fort Wayne	1,164	1,320	1,850
Indianapolis	1,213	1,302	2,130
Indiana Voc-Tech C Central Indiana	*	1,024	821
Columbus	*	1,070	821
Eastcentral	970	1,014	821
Kokomo	972	1,063	821
Lafayette	977	1,050	821
Northcentral	963	1,125	821
Northeast	*	1,047	821
Southcentral	956	1,040	821
Southeast	*	1,062	821
Southwest	987	1,033	821
Wabash Valley	*	1,014	821
Whitewater	981	1,058	821
International Bus C	3,780	4,200	
ITT Tech-Business Inst	4,250	4,500	
Lowell Beauty C	*	1,650	
Manchester C	4,250	4,580	
Marian C	3,295	3,595	
Marion C	*	4,230	
Martin Center C	2,250	2,250	
Michiana C, Commerce	1,485	1,620	
National Barber/Stylist C	*	3,130	
Oakland City C	3,375	3,690	
Odessa's C of Beauty Culture	1,600	1,700	
Parkview Methodist Sch of Nursing	2,000	2,000	600
Purdue U	1,350	1,432	2,828
Calumet	1,171	1,237	1,755
North Central	*	1,241	1,864
Rose-Hulman Inst of Tech	4,750	5,400	
St Elizabeth Hosp Sch of Nursing		2,280	
St Francis C	3,298	3,245	
St Francis Hosp Ctr Sch of Med Tech	*	750	
St Joseph's C	4,090	4,480	
St Mary-of-the-Woods C	3,990	4,380	
St Mary's C	5,237	5,812	
St Meinrad C	2,470	2,618	
Taylor U	4,514	4,870	
Tri-State U	3,744	4,210	
U of Evansville	4,288	4,965	
U of Notre Dame	5,950	6,520	
Valparaiso U	4,782	5,282	
Vincennes U	1,010	1,090	1,880
Wabash C	5,280	5,790	
IOWA			
American Inst of Business	2,370	2,580	
Briar Cliff C	3,450	3,780	
Buena Vista C	4,910	5,400	
Capri Cosmetology C Dubuque	*	2,400	
Mason City	*	1,500	
Central C	4,740	5,100	
Clarke C	4,150	4,500	
Coe C	5,370	5,900	
Cornell C	5,616	6,010	
Des Moines Area CC	720	929	810
Divine Word C	3,000	3,200	
Dordt C	3,850	4,200	
Drake U	5,230	5,750	
Faith Baptist Bible C	2,520	2,750	
Finley Hosp Sch of Nursing	3,546	3,546	
Graceland C	4,090	4,445	
Grand View C	3,390	3,750	
Grinnell C	6,710	7,070	
Hamilton Tech C	2,850	2,425	
Hawkeye Inst of Tech	600	711	660
Indian Hills CC	*	745	315
Iowa Central CC	*	729	325
Iowa Lakes CC	*	790	345
Iowa Methodist Sch of Nursing	2,820	3,735	
Iowa St U	1,040	1,104	1,646
Iowa Wesleyan C	4,625	4,900	
Iowa Western CC	845	897	435
J Edmundson Mem Hosp Sch of Nursing	1,257	1,551	288
La James C of Hairstyling Fort Dodge	2,100	2,550	
Mason City	2,100	2,500	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
IOWA—Continued			
Loras C	4,180	4,500	
Luther C	5,225	5,600	
Maharishi International U	4,320	4,488	
Marshalltown CC	680	680	620
Marshalltown Comm Sch of Nursing	1,200	1,320	
Marycrest C	3,720	4,220	
Mercy Hospital Sch of Nursing	*	3,630	
Morningside C		4,970	
Mount Mercy C	3,970	4,285	
Mount St Clare C	2,450	3,040	
North Iowa Area CC	660	744	330
NE Iowa Tech Inst	600	800	800
Northwestern C	3,895	4,395	
Open Bible C	2,170	2,420	
St Ambrose C	4,410	4,890	
St Luke's Sch of Nursing	3,119	3,284	
Schoitz Mem Hosp Sch of Radiologic Tech	350	350	
Simpson C	5,035	5,430	
Sioux Empire C	2,750	3,050	
Southeastern CC North	657	697	335
South	657	697	335
Southwestern CC	660	746	348
Spencer Sch of Business	2,850	2,850	
U of Dubuque	4,275	4,575	
U of Iowa	1,040	1,104	1,646
U of Northern Iowa	990	1,050	1,124
Upper Iowa U	4,140	4,450	
Vennard C	1,900	2,192	
Waldorf C	4,250	4,750	
Wartburg C	*	5,210	
Western Iowa Tech CC	605	683	638
Westmar C	4,130	4,601	
William Penn C	5,110	5,460	
KANSAS			
Asbury Hospital Sch of Nursing		1,520	
Baker U	3,370	3,570	
Barton County CC	465	555	1,041
Benedictine C	3,700	4,020	
Bethany C	3,090	3,490	
Bethel C	3,520	3,830	
Central C	3,400	3,800	
Central Kansas Area Voc-Tech Sch	*	332	2,819
Cloud County CC	*	570	1,200
Colby CC	540	600	1,110
Cowley County CC	450	480	1,050
Dodge City CC	486	486	970
Donnelly C	1,100	1,300	
Emporia St U	756	864	952
Fort Hays St U	833	945	945
Fort Scott CC	300	310	1,175
Friends Bible C	3,538	3,750	
Friends U	3,525	3,765	
Garden City CC	486	494	970
Haskell Indian JC	*	20	
Hesston C	3,500	3,700	
Highland CC	550	550	1,236
Hutchinson CC	462	522	1,434
Independence CC	480	510	1,236
Kansas Newman C	3,315	3,625	
Kansas St U	898	1,076	1,580
Kansas Tech Inst	421	496	877
Kansas Wesleyan	3,570	3,993	
Labette CC	*	390	790
Manhattan Christian C	1,678	1,810	
Marymount C	3,225	3,585	
McPherson C	3,490	3,800	
Mid-Am Nazarene C	2,394	2,722	
Neosho County CC	430	430	1,245
NW Kansas Area Voc-Tech Sch	615	615	
Ottawa U	3,392	3,730	
Pittsburg State U	726	842	952
Pratt CC	514	546	984
St John's C	2,750	3,500	
St Mary C	2,850	3,266	
St Mary of Plains C	3,110	3,510	
Salina Area Voc-Tech Sch	*	400	2,800
Seward County CC	480	480	1,255
Southwestern C	3,050	3,495	
Sterling C	3,350	3,350	
Stormont Vail Sch of Nursing	*	1,105	
Tabor C	3,320	3,570	
U of Kansas	904	1,070	1,580
C of Health Sciences	724	860	1,580
Wichita Area Voc-Tech Sch	*	350	2,200
Wichita St U	930	1,067	1,579
KENTUCKY			
Alice Lloyd C	2,050	2,245	
Asbury C	3,268	3,520	
Ashland CC	390	414	828
Bellarmine C	3,350	3,600	
Berea C	118	120	
Bowling Green Bus C	*	2,861	
Brescia C	2,700	2,896	
Campbellsville C	2,640	2,880	
Centre C	*	5,960	
Cumberland C	2,380	2,380	
Eastern Kentucky U	724	846	1,550
Elizabethtown CC	390	414	828
Georgetown C	3,310	3,630	100
Hazard CC	390	414	828
Hazard St Voc-Tech Sch	*	76	394
Henderson CC	*	414	828
Hopkinsville CC	*	414	828
Inst of Elec Tech	2,850	3,200	
Kauffman Beauty Sch	*	2,685	
Kentucky Christian C	1,758	1,704	
Kentucky State U	*	826	1,550
Kentucky Wesleyan C	3,245	3,770	
Lees JC	2,400	2,400	
Lexington Tech Inst	846	1,018	1,868
Lindsey Wilson C	2,420	2,680	
Louisville Sch of Art	2,380	2,580	
Madisonville CC	390	414	828
Maysville CC	390	414	828
Midway C	2,730	3,030	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
KENTUCKY—Continued			
Morehead State U	*	816	1,550
Murray State U	*	836	1,350
Northern Kentucky U	714	816	1,550
Paducah CC	390	414	828
Pikeville C	2,825	2,994	
Prestonburg CC	390	414	828
St Catharine C	2,100	2,400	
St Joseph Hosp of Radiologic Tech	*	50	
Somerset CC	390	414	828
Somerset St Voc-Tech Sch	*	76	
Southeast CC	390	414	828
Spalding C	3,072	3,582	
Sue Bennett C	1,320	1,615	
Sullivan JC of Bus	*	3,370	
Thomas More C	3,880	4,000	
Transylvania U	5,320	5,700	
Union C	3,450	3,950	
U of Kentucky	846	1,018	1,868
U of Louisville	846	999	1,868
Watterson C	2,415	2,805	
Western Kentucky U	714	816	1,550
LOUISIANA			
Bossier Parish CC	36	270	
Centenary C	3,180	3,570	
Dillard U	*	3,300	
D-Jay's Sch of Beauty Arts and Sciences	2,457	2,857	
Grambling State U	*	755	630
Louisiana C	1,954	2,108	
Louisiana State U and A&M C	*	971	1,330
Louisiana State U Alexandria	*	500	940
Eunice	*	450	1,000
Medical Center	*	875	750
Shreveport	*	780	1,130
Loyola U	3,717	4,020	
McNeese State U	*	573	630
Newcomb C of Tulane U	6,550	7,350	
Nicholls State U	*	687	630
NE Louisiana U	*	660	630
Our Lady of Holy Cross C	2,575	3,050	
St Joseph Seminary C	*	2,530	
St Mary's Dominican C	3,890	4,000	
Slidell Voc-Tech Sch	*	0	270
Southern U and A&M C	*	650	630
Southern U Shreveport-Bossier City	394	454	200
Touro Infirmary Sch of Nursing	*	2,255	2,042
Tulane U	6,550	7,350	
U of New Orleans	*	984	1,310
Ville Platte Voc-Tech Sch	*	0	270
Xavier U	*	3,465	
MAINE			
Andover C	2,100	2,100	
Bates C	8,100	8,890	
Beal C	2,625	2,625	
Bowdoin C	7,665	8,710	
Central Maine Med Ctr Sch of Nursing	*	3,081	
Sch of Radiologic Tech	400	400	
Central Maine Voc Tech Inst	630	625	600
Colby C	7,650	8,330	
C of the Atlantic	4,850	5,490	
Eastern Maine V-T Inst	700	705	600
Husson C	4,275	5,275	
Kennebec Valley Voc-Tech Inst	*	350	300
Maine Maritime Acad	2,455	2,755	1,795
Mansfield Beauty Acad	*	2,805	
Mr Bernard's Sch of Hair Fashion	2,450	2,450	
Northern Maine V-T Inst	660	712	600
Portland School of Art	4,320	4,990	
St Joseph's C	3,875	4,025	
Southern Maine V-T Inst	600	690	600
Thomas C	4,665	5,055	
Unity C	4,440	4,880	
U of Maine Augusta	1,350	1,433	2,217
Farmington	1,385	1,463	2,217
Fort Kent	1,350	1,443	2,217
Machias	1,375	1,453	2,217
Orono	1,440	1,534	3,051
Presque Isle	1,370	1,463	2,217
U of New England	4,775	5,010	
U of Southern Maine	1,434	1,544	3,051
Westbrook C	5,035	5,715	
MARYLAND			
Allegany CC	722	756	1,320
Anne Arundel CC	780	857	2,340
Baltimore Art Inst	2,200	2,420	
Baltimore Hebrew C	*	1,875	
Bowie State C	1,260	1,401	1,110
Broadcasting Inst of Md	2,500	2,800	
Capitol Inst of Tech	2,988	3,507	
Catonsville CC	604	636	1,778
Cecil CC	555	606	1,620
Charles County CC	800	890	1,680
Chesapeake C	509	509	2,216
C of Notre Dame	3,850	4,400	
Columbia Union C	4,334	4,944	
CC of Baltimore	*	745	1,458
Coppin State C	1,160	1,255	1,110
Dundalk CC	*	670	1,648
Eastern Christian C	1,140	1,140	
Essex CC	634	664	1,746
Frederick CC	588	664	1,200
Frostburg State C	1,261	1,351	1,110
Garrett CC	563	690	2,280
Goucher C	6,275	7,125	
Grtr Baltimore Med Ctr Sch of Radiologic Tech	150	410	
Hagerstown Bus C	*	1,750	
Hagerstown JC	630	671	1,470
Harford CC	700	730	2,040
Harmon's Beauty Sch	*	2,000	
Hood C	5,585	6,160	
Howard CC	728	900	2,520
Johns Hopkins U	6,920	7,840	
Laurel Sch of Hair Designs	1,300	1,435	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
MARYLAND—Continued			
Loyola C	3,950	4,560	
Marc Sch of Beauty Culture	*	2,215	
Maryland C of Art & Design	3,300	3,960	
Maryland Inst C of Art	4,850	5,300	
Montgomery C Germantown	*	990	1,530
Rockville	*	990	1,530
Takoma Park	*	990	1,530
Morgan St U	1,210	1,261	1,135
Mt St Mary's C	4,300	4,700	
Prince George's CC	736	895	2,505
St John's C	6,700	7,200	
St Mary's C of Md	1,405	1,505	1,000
Salisbury State C	1,206	1,354	1,110
Sojourner-Douglas C	*	4,005	
Towson St U	1,218	1,322	1,110
U of Baltimore	1,145	1,249	1,160
U of Maryland Baltimore	*	1,284	2,395
Baltimore County	1,224	1,362	2,392
College Park	1,185	1,332	2,395
Eastern Shore	962	1,128	2,000
University C	1,690	2,060	
Villa Julie C	2,850	3,100	
Washington Adventist Hosp Sch, Radiology	*	200	
Washington Bible C	2,356	2,460	
Washington C	4,821	5,381	
Washington Fashion Acad	*	4,100	
Western Maryland C	5,200	5,700	
Woodridge Sch for Secretaries	1,969	1,969	
Wor-Wic Tech CC	570	610	2,250
MASSACHUSETTS			
American Intl C	4,290	4,560	
Amherst C	8,255	8,905	
Anna Maria C for Men and Women	4,300	4,630	
Aquinas JC Milton	3,000	3,200	
Newton	3,000	3,200	
Assumption C	4,930	5,330	
Atlantic Union C	5,010	5,546	
Babson C	6,364	7,075	
Bay Path JC	3,700	4,000	
Bay State JC	*	3,750	
Becker JC Leicester	2,830	3,180	
Worcester	2,830	3,180	
Bentley C	5,100	5,600	
Berklee C of Music	3,510	3,820	
Berkshire Christian C	2,775	3,615	
Berkshire CC	734	734	1,464
Blue Hills Tech Inst	2,160	2,360	
Boston C	6,150	7,020	
Boston Consv of Music	4,410	5,700	
Boston U	7,275	8,420	
Bradford C	5,800	6,235	
Brandeis U	7,830	8,745	
Bridgewater State C	1,110	1,120	1,947
Bristol CC	724	724	1,464
Bunker Hill CC	739	748	1,464
Burdett Sch	4,150	4,725	
Cape Cod CC	719	719	1,464
Central New England C	4,000	4,500	
Clark U	7,186	7,906	
Clark U Sch at the Worcester Art Museum	*	4,000	
C of the Holy Cross	6,200	6,950	
Control Data Inst	5,375	5,375	
Curry C	5,835	6,495	
Dean JC	5,035	5,235	
East Coast Aero Tech Sch	3,805	4,435	
Eastern Nazarene C	3,326	3,841	
Elms C	*	4,500	
Emerson C	5,900	6,630	
Emmanuel C	5,080	5,300	
Endicott C	4,650	5,300	
Fisher JC	4,200	4,600	
Fitchburg State C	1,015	1,021	1,947
Forsyth Sch for Dental Hygienists	5,650	5,650	
Framingham State C	1,127	1,186	1,947
Franklin Institute of Boston	4,100	4,440	
Goddard Mem Hosp Sch of Rad Tech	500	1,000	
Gordon C	5,247	5,712	
Greenfield CC	740	800	1,464
Hampshire C	8,581	9,260	
Harvard-Radcliffe C's	8,195	9,700	
Hebrew C	1,010	1,110	
Hellenic C	3,095	3,200	
Holyoke CC	749	754	1,464
LaBaron Hairdressing Academy, Brockton	1,887	1,887	
Laboure JC	3,230	4,665	
Lasell JC	4,960	5,155	
Lesley C	5,440	6,220	
M Fazio Inst of Beauty Culture	1,445	2,130	
Marian Court JC Bus	2,520	2,870	
Mass Bay CC	719	744	1,464
Mass C of Art	1,145	1,145	1,947
Mass C of Pharmacy & Allied Health Sci	4,410	4,825	
Mass Inst of Tech	8,700	9,600	
Mass Maritime Acad	*	1,115	
Massasoit CC	739	739	1,464
Merrimack C	4,960	5,350	
Middlesex CC	787	787	1,464
Montserrat Sch Vis Art	2,250	3,200	
Mount Holyoke C	7,750	8,735	
Mount Ida JC	4,044	4,593	
Mt Wachusett CC	774	787	1,464
New England Baptist Hosp Sch of Nursing	2,470	2,713	
New England Conservatory of Music	6,250	7,120	
New England Deac Hosp Sch of Nursing	4,005	4,068	
New England Inst Applied Arts & Sci	3,670	4,200	
New Style Barber Sch	1,800	2,300	
Newbury JC	3,775	4,090	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
MASSACHUSETTS—Continued			
Newton-Wellesley Hosp Sch of Nursing	*	4,630	
Nichols C	4,390	4,560	
North Adams State C	1,150	1,118	1,947
North Shore CC	674	714	1,464
NE Inst of Indust Tech	2,670	2,670	
Northeastern U	5,338	5,792	
Northern Essex CC	778	778	1,464
Pine Manor C	6,970	7,200	
Quincy JC	*	1,475	
Quinsigamond CC	779	830	1,464
Regis C	4,955	5,405	
RETS Electronic Schs	4,970	5,170	
Roxbury CC	680	729	1,464
St Hyacinth C-Sem	3,105	3,105	
St John's Seminary & C	*	2,100	
Salem State C	1,047	1,050	1,947
Sch of Fashion Design	*	2,450	
Sch of Museum of Fine Arts	4,955	5,355	
Simmons C	6,658	7,322	
Simon's Rock of Bard C	8,880	8,450	
Smith C	7,820	8,500	
Somerville Hosp Sch of Nursing	*	3,385	
Southeastern Mass U	1,114	1,114	2,151
Springfield C	4,500	4,500	
Springfield Tech CC	785	739	1,464
Stonehill C	4,850	5,240	
Suffolk U	3,720	4,035	
Swain Sch of Design	3,990	4,300	
Tufts U	7,710	8,783	
U of Lowell	1,226	1,236	2,256
U of Massachusetts Amherst	1,587	1,656	2,557
Boston	1,374	1,465	2,557
Wellesley C	7,510	8,630	
Wentworth Inst of Tech	*	4,350	
Western Mass Hosp Sch for Practical Nurses	*	500	
Western New England C	4,118	4,578	
Westfield State C	1,139	1,124	1,947
Wheaton C	7,825	8,510	
Wheelock C	5,550	6,280	
Williams C	7,866	8,620	
Worcester Poly Inst	6,907	7,515	
Worcester State C	993	1,023	1,947
MICHIGAN			
Adrian C	4,974	5,376	
Albion C		5,850	
Alma C	5,629	6,072	
Alpena CC	682	682	1,023
Andrews U	4,950	5,205	
Aquinas C	4,498	4,790	
Baker JC of Bus	2,220	2,340	
Calvin C	3,950	4,280	
Ctr for Creative Studies C of Art & Design	3,936	4,726	*
Central Michigan U	1,340	1,460	2,190
Chapin JC of Bus	1,850	1,850	
Cleary C	*	2,835	
Concordia C	*	3,149	
Davenport C of Bus	3,410	3,936	
Davis Pressley Prof Sch of Cosmetology	*	3,150	
D'Etre U	*	3,900	
Detroit C of Business	*	3,083	
Eastern Michigan U	*	1,425	1,840
Ferris St C	1,464	1,629	1,710
General Motors Inst	1,884	2,464	
Glen Oaks CC	704	742	
Gogebic CC	570	630	720
Grace Bible C	1,700	1,840	
Grand Rapids Baptist C & Sem	3,160	3,320	
Grand Rapids JC	860	950	1,170
Grand Valley St C	1,380	1,502	2,002
Great Lakes Bible C	1,845	2,001	
Highland Park CC	650	770	600
Hillsdale C	5,370	5,720	
Hope C	5,010	5,410	
Hurley Medical Center Sch of Nursing	*	1,446	
Inst of Merchandising and Design	*	2,625	
Jackson Business Inst	*	2,450	
Jackson CC	840	870	510
Jordan C	2,200	2,300	
Kalamazoo C	6,492	6,922	
Kalamazoo Valley CC	*	630	1,260
Kellogg CC	645	645	990
Kirtland CC	*	600	180
Krainz Woods Acad of Med Lab Tech	4,000	4,110	
Lake Michigan C	710	710	480
Lake Superior St C	*	1,455	1,305
Lansing CC	645	690	788
Lawrence Inst of Tech	1,890	2,100	
Macomb CC	*	900	855
Madonna C	1,950	1,970	
Marygrove C	3,787	3,750	
Marcy Sch of Nursing	3,900	4,160	
Marcy C of Detroit	3,140	3,390	
Michigan Christian C	2,485	2,610	
Mid Michigan CC	*	894	674
Monroe County CC	570	570	270
Montcalm CC	*	784	
Muskegon Business C	2,040	2,305	480
Muskegon CC	*	780	690
Nazareth C	4,790	5,170	
North Central Mich C	*	752	180
Northern Michigan U	*	1,430	1,830
Oakland CC	632	780	300
Oakland U	*	1,365	2,210
Olivet C	5,120	5,080	
Pontiac Business Inst	*	4,005	
Reformed Bible C	2,480	2,700	
Sacred Heart Seminary C	*	2,600	
Saginaw Business Inst	*	2,544	
St Clair County CC	675	705	915
St Joseph Hosp Sch of Radiology	*	600	
St Mary's C	2,100	2,290	
Siena Heights C	*	3,720	
Southwestern Mich C	*	790	330
Spring Arbor C	4,400	4,590	
Suomi C	4,900	5,400	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
MICHIGAN—Continued			
U of Detroit	4,810	5,130	
Washtenaw CC	720	810	1,740
Wayne St U	*	1,760	2,100
West Shore CC	650	710	670
William Tyndale C	2,250	2,250	
MINNESOTA			
Acad of Accountancy	3,050	3,050	
Albert Lea Area Voc-Tech Inst	640	789	774
Anoka-Ramsey CC	821	1,013	1,013
Augsburg C	4,820	5,170	
Austin CC	821	1,013	1,013
Bemidji Area Voc-Tech Inst	594	792	756
Bemidji St U	956	1,300	1,120
Bethany Lutheran C	2,870	3,170	
Bethel C	4,550	4,950	
Brainerd Area Voc-Tech Inst	*	791	741
Brainerd CC	*	1,013	1,013
Carleton C	6,951	7,810	
C of St Benedict	4,390	4,810	
C of St Catharine	4,530	4,955	
C of St Scholastica	4,271	4,685	
C of St Teresa	*	4,995	
C of St Thomas	4,160	4,730	
Concordia C Moorhead	4,805	5,305	
St Paul	3,450	3,855	
Crosier Seminary	1,700	1,935	
Dr Martin Luther C	1,620	1,650	
Duluth Area Voc-Tech Inst	*	790	864
Dunwoody Industrial Inst	*	1,880	250
Eveleth Area Voc-Tech Inst	576	774	773
Fairview Deaconess Hosp Sch of Nursing	*	5,090	
Fergus Falls CC	821	1,013	1,013
Golden Valley Lutheran C	4,583	4,860	
Gustavus Adolphus C	5,350	6,150	
Hamline U	5,350	5,975	
Hibbing CC	821	1,013	1,013
Inver Hills CC	821	1,013	1,013
Itasca CC	821	1,013	1,013
Lakewood CC	821	1,013	1,013
Lowthian C	3,495	3,995	
Macalester C	6,280	6,975	
Mankato Area Voc-Tech Inst	*	920	920
Mankato St U	829	1,266	1,120
McConnell Sch	*	2,915	
Medical Inst of Minn	3,400	3,700	
Mesabi CC	821	1,013	1,013
Metropolitan St U	599	828	414
Minneapolis C of Art & Design	4,070	4,500	
Minneapolis CC	821	1,013	1,013
Minn VA Med Ctr Sch of Anesthesia	*	2,380	
Minnesota Bible C	1,800	1,890	
Moorhead St U	934	1,271	1,120
Normandale CC	821	1,013	1,013
North Hennepin CC	821	1,013	1,013
North Mem Med Ctr Sch of X-Ray Tech	*	23	
Northland CC	821	1,013	1,013
Northwestern C	3,900	4,260	
NW Electronics Inst	1,685	2,220	
Pine Tech Inst	576	774	774
Rainy River CC	821	1,013	1,013
Robinson Beauty Sch	2,350	2,920	
Rochester CC	821	1,013	1,013
St Cloud Hosp Sch of Nursing	1,950	2,145	
St Cloud St U	973	1,304	1,120
St John's U	4,415	4,810	
St Mary's C	4,300	4,750	
St Mary's JC	3,240	3,690	
St Olaf C	5,335	6,075	
St Paul Bible C	2,580	2,930	
Southwest St U	900	1,271	1,120
Vermilion CC	821	1,013	1,013
Willmar CC	821	1,013	1,013
Winona St U	953	1,289	1,120
Worthington CC	821	1,013	1,013
MISSISSIPPI			
Alcorn St U	825	875	976
Belhaven C	3,125	3,530	
Blue Mountain C	2,010	2,190	
Clarke C	1,680	1,876	
Coahoma JC	*	585	1,250
Copiah-Lincoln JC	400	400	660
Delta St U	770	800	976
East Central JC	456	456	400
Hinds JC	350	370	920
Jackson St U	832	972	976
Jones County JC	400	420	600
Mary Holmes C	*	1,505	
Meridian JC	*	450	510
Millsaps C	4,110	4,650	
Mississippi C	2,460	2,736	
Miss Gulf Coast JC Jeff Davis campus	360	460	400
Mississippi St U	1,146	1,242	976
Mississippi U for Women	*	825	976
Miss Valley St U	800	850	976
Northeast Miss JC	480	480	600
Northwest Miss JC	*	699	600
Pearl River JC	380	380	550
Phillips C	3,500	2,525	
Phillips C of Jackson	*	2,625	
Prentiss Inst	*	1,981	
Rust C	*	2,592	
Southwest Mississippi JC	*	370	700
Tougaloo C	2,450	2,800	
U of Mississippi	1,185	1,284	976
Medical Ctr	968	968	976
U of S Mississippi	1,070	1,140	976
Wesley C	*	1,410	
William Carey C	*	2,280	
Wood JC	1,260	1,558	
MISSOURI			
Avila C	3,551	3,700	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
MISSOURI—Continued			
Baptist Bible C	1,150	1,030	
Burge Sch of Nursing	*	2,120	
Calvary Bible C	2,200	2,280	
Cardinal Glennon C	1,700	1,535	
Cardinal Newman C	3,960	3,980	
Central Bible C	1,770	1,915	
Central Christian C of the Bible	1,190	2,500	
Central Methodist C	*	4,250	
Central Missouri St U	630	738	696
Columbia C	4,045	4,495	
Conception Seminary C	*	2,450	
Cottey C	*	2,200	
Crowder C	310	340	780
Culver-Stockton C	3,700	4,040	
Drury C	3,650	4,020	
East Central C	*	480	660
Evangel C	2,447	2,667	
Fontbonne C	4,100	4,550	
Grandview Beauty C	*	899	
Hannibal-La Grange C	2,696	2,962	
Harris Stowe St C	*	650	585
Jefferson C	360	360	900
Kansas City Art Inst	5,700	6,150	
Kemper Military Sch & C	2,505	3,000	
Lincoln U	565	625	600
Lindenwood C's	4,600	4,600	
Linn Tech C	*	1,270	
Longview CC	600	600	810
Lutheran Medical Ctr Sch of Nursing	2,955	3,075	
Maple Woods CC	600	600	810
Maryville C St Louis	4,170	4,550	
Mineral Area C	330	390	470
Missouri Baptist C	2,600	2,600	
Missouri Inst of Tech	3,025	3,188	
Missouri S St C	600	700	700
Missouri Valley C	3,480	3,400	
Missouri W St C	780	880	880
Moberly Area JC	*	380	1,050
Nichols Career Ctr	860	925	
NE Missouri St U	480	620	620
NW Missouri St U	760	875	715
Ozark Beauty C	*	825	
Park C	3,640	3,740	
Penn Valley CC	600	600	810
Rockhurst C	3,950	4,270	
St Louis Christian C	1,575	1,600	
St Louis C of Pharmacy	2,600	2,915	
St Louis CC Florissant Valley	615	675	540
Forest Park	615	675	540
Meramec	615	675	540
St Louis Cons of Music	4,210	4,510	
St Louis U	4,690	4,990	
St Mary's C of O'Fallon	2,676	2,776	
St Paul's C	2,470	2,725	
Sch of the Ozarks	2,010	2,460	
SE Missouri St U	550	600	580
SW Baptist U	3,075	3,280	
SW Missouri St U	650	792	792
State Fair CC	*	360	700
Stephens C	5,175	5,850	
Tarkio C	5,450	3,750	
Trenton JC	360	360	672
U of Missouri Columbia	1,068	1,272	2,352
Kansas City	1,102	1,294	2,352
Rolla	1,165	1,403	2,352
St Louis	1,104	1,288	2,352
Washington U	7,179	7,958	
Webster C	3,975	4,275	
Westminster C	4,400	4,700	
William Jewell C	3,580	3,810	
William Woods C	4,540	5,050	
MONTANA			
Billings Voc-Tech Ctr	450	495	
Carroll C	2,878	3,140	
C of Great Falls	2,850	3,100	
Dawson CC	375	450	450
E Montana C	678	732	1,188
Flathead Valley CC	375	375	504
Great Falls Voc-Tech Ctr	450	495	618
Miles CC	336	390	525
Montana C of Mineral Science & Technology	616	675	1,548
Montana St U	728	782	1,548
N Montana C	607	661	1,188
Rocky Mountain C	3,239	3,499	
Salish Kootenai CC	*	765	
Western Montana C	633	697	1,188
NEBRASKA			
Bergan Mercy Hosp Radiology Tech	700	700	
Bahner C of Hairstyling	1,920	2,465	
Bellevue C	*	1,410	
Central CC	585	576	288
Chadron St C	786	846	510
College of St Mary	3,810	4,190	
Concordia Teachers C	3,283	3,580	
Creighton U	4,070	4,456	
Dana C	4,100	4,300	
Doane C	4,100	4,410	
Grace C of the Bible	2,480	2,540	
Kearney St C	805	928	510
Lincoln Sch of Commerce	*	1,890	
Mary Lanning Memorial Hosp Sch of Nursing	*	3,100	
McCook CC	*	530	135
Metro Tech CC	591	705	687
Mid Plains CC	450	525	135
Midland Lutheran C	3,850	4,290	
Nebraska Christian C	1,295	1,395	
Nebraska Indian CC	*	641	
Nebraska Wesleyan U	4,138	4,460	
Nebraska Western C	585	639	231
Northeast Tech CC	546	576	300
Omaha C Hlth Careers	3,172	3,492	
Platte Valley Bible C	960	990	
Southeast CC Fairbury-Beatrice	522	608	336
Lincoln	546	582	336
Milford	522	584	336

Continued on Following Page

Tuition *Continued from Preceding Page*

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
NEBRASKA—Continued			
Union C	4,900	5,300	
U of Nebraska Sch of Tech Agriculture	769	802	672
Wayne State C	821	881	510
York C	2,150	2,300	
NEVADA			
American Sch of Diamond Cutting	*	3,250	
Prater Way C of Beauty	*	1,825	
Sierra Nevada C	2,250	2,250	
NEW HAMPSHIRE			
Castle JC	1,890	2,000	
Colby-Sawyer C	6,390	6,960	
Daniel Webster C	5,040	5,680	
Dartmouth C	8,190	9,145	
Franklin Pierce C	5,500	6,050	
Hawthorne C	*	5,370	
Hesser C	2,800	3,450	
Magdalen C	*	3,200	
New England C	5,990	6,190	
New Hampshire Barber C	*	2,100	
New Hampshire C	*	5,867	
Notre Dame C	3,100	3,700	
Rivier C	3,600	4,000	
St Anselm C	5,050	5,500	
Thomas More Inst of Liberal Arts	1,800	1,800	
White Pines C	3,400	3,400	
NEW JERSEY			
Assumption C for Sisters	*	1,200	
Atlantic CC	704	833	1,988
Bergen CC	*	810	1,950
Berkeley Sch	3,750	4,200	
Bloomfield C	4,470	4,890	
Brookdale CC	600	700	1,400
Caldwell C	3,450	3,875	
Camden County C	*	682	1,380
Centenary C	4,000	4,300	
C of St Elizabeth	4,200	4,685	
County C of Morris	700	850	1,730
Don Bosco C	2,860	3,010	
Drew U	6,685	7,210	
Englewood Hosp Nursing	1,650	1,650	
Essex County C	690	760	1,200
Fairleigh Dickinson U Edw Williams C	3,982	4,358	
Florham-Madison	4,826	5,274	
Rutherford	4,826	5,274	
Teaneck-Hackensack	4,826	5,274	
Felician C	2,550	3,160	
Georgian Court C	3,200	3,570	
Gloucester County C	*	650	2,490
Holy Name Hosp Sch of Nursing	1,895	2,005	
Hudson Area Hosp Sch of Radiologic Tech	1,600	1,900	
Hudson County CC	580	700	630
Mercer County CC	640	690	1,200
Metropolitan Tech Inst	2,940	2,572	
Monmouth C	5,182	5,380	
Mountainside Hosp Sch of Nursing	*	2,820	
Natural Motion Inst of Hair Design	2,800	3,000	
Northeastern Bible C	3,360	3,790	
Ocean County C	690	719	1,800
Princeton U	8,380	9,450	
Rider C	4,000	4,535	
St Barnabas Nuclear Medical Tech	1,000	1,500	
St Francis Med Ctr Sch of Nursing	*	992	
St Peter's C	4,047	4,103	
Salem CC	*	805	400
Somerset County C	*	754	1,950
Somerset County Tech Inst	700	750	
Stevens Inst of Tech	6,500	7,500	
Upsala C	4,718	5,340	
Westminster Choir C	5,370	6,060	
Winifred B. Baldwin Sch of Nursing	*	2,200	
NEW MEXICO			
C of Santa Fe	3,400	3,400	
C of the Southwest	1,070	1,192	
E New Mexico U Roswell	696	710	1,392
	400	412	688
Inst of Amer Indian Arts	*	150	
Kay Pardoll's Beauty C	*	2,340	
Lea Regional Hosp Sch of Radiologic Tech	200	200	
New Mexico Highlands U	531	527	1,392
New Mexico Inst of Mining and Tech	734	678	1,789
New Mexico JC	184	184	288
New Mexico Military Inst	613	608	710
New Mexico St U	798	798	1,786
Alamogordo	384	384	648
Carlsbad	348	348	648
Grants	360	360	648
N New Mexico CC	336	336	688
St John's C	6,700	7,200	
San Juan C	370	370	638
U of Albuquerque	2,970	2,620	
U of New Mexico	768	774	1,794
Gallup	*	348	648
Western New Mexico U	530	566	1,376
NEW YORK			
Acad of Aeronautics	*	3,596	
Adirondack CC		906	830
Albany Business C	2,500	3,200	
Albany C of Pharmacy	2,907	3,430	
Albany Medical Center Sch of Nursing	1,250	1,350	
Albany Occupational Ctr	*	1,600	
Alfred U	6,450	7,240	
American Acad of Dramatic Arts	2,975	3,300	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
NEW YORK—Continued			
Bard C	8,880	9,630	
Barnard C	8,142	8,930	
Berkeley School	3,750	4,200	
Long Island	3,750	4,200	
New York	3,750	4,200	
Blake Business Sch	3,125	3,425	
BOCES Onondaga Madison Sch of Practical Nursing	*	1,825	
Boricua C	*	3,510	
Bramson ORT Tech Inst	2,150	2,875	
Briarcliffe Secretarial Sch	3,195	3,510	
Bryant-Stratton Bus Inst Buffalo	2,985	3,195	
Rochester	2,985	3,195	
Bryant-Stratton Powelson Bus Inst	2,985	3,195	
Buffalo Gen Hosp Sch of Nursing	2,454	2,804	
Canisius C	4,100	4,630	
Cathedral C Immaculate Conception	3,300	3,500	
Cattaraugus County BOCES-S Area Ctr Sch of Practical Nursing	*	1,812	
Cayuga County CC	990	1,140	1,040
Cazenovia C	4,465	4,780	
Central City Bus Inst	2,400	2,495	
Champlain Valley Physicians Hosp Med Ctr Sch of Radiologic Tech	*	500	
Clarkson C of Tech	6,350	7,350	
Colgate U	7,490	8,380	
C for Human Services	4,045	4,045	
C of Insurance	3,930	4,696	
C of Mt St Vincent	4,410	4,950	
C of New Rochelle	4,110	4,800	
New Resources	2,880	2,496	
C of St Rose	3,990	4,490	
Columbia U Columbia C	7,894	8,942	
Engineering & Applied Sci	7,922	8,992	
Sch of General Studies	6,990	8,288	
Sch of Nursing	7,770	8,850	
Concordia C	3,385	4,050	
Cooper Union	300	300	
Cornell U	7,950	8,900	
Crouse Irving Memorial Hosp Sch of Nursing	2,475	2,675	
Culinary Inst of Amer	*	5,340	
Daemen C	4,275	4,720	
Dominican C of Blauvelt	2,720	3,020	
Dowling C	4,620	4,645	
Dutchess CC	*	1,115	1,050
D'Youville C	4,050	4,420	
Eastman Sch of Music	7,304	8,200	
Elizabeth Seton C	2,925	3,550	
Elmira C	5,450	6,080	
Five Towns C	3,050	3,350	
Fordham U	4,950	5,590	
Friends World C	4,000	4,200	
Genesee CC	870	970	900
Glens Falls Hospital Sch of X-Ray Tech	*	200	
Hamilton C	7,950	8,600	
Hartwick C	6,425	7,100	
Hilbert C	2,820	3,140	
Hobart C	7,450	8,300	
Houghton C	4,207	4,390	
Inst of Design and Construction	1,820	1,820	
Interfaith Medical Ctr Sch of Nursing	*	2,296	
Island Drafting & Tech Inst	3,050	3,370	
Ithaca C	5,526	6,026	
Jamestown Business C	2,175	2,450	
Jamestown Sch of Practical Nursing	*	900	
Jewish Theol Sem	3,070	3,075	
Juilliard Sch	4,600	5,100	
JC of Albany	3,400	3,700	
Katharine Gibbs Sch	4,500	4,925	
Keuka C	4,960	5,560	
King's C	4,600	5,055	
Krissler Bus Inst	3,100	3,620	
Lab Inst of Merchandising	4,200	4,670	
Le Moyne C	4,360	4,700	
Le Ponto's Hairstyling and Beauty Sch	*	1,900	
Long Island U Brooklyn Ctr	4,779	4,879	
Malcolm King: Harlem C Extension	1,344	2,146	
Manhattan C	4,200	4,700	
Manhattan Sch of Music	*	5,600	
Manhattanville C	6,440	7,080	
Mannes C of Music	4,575	5,000	
Maria C	2,530	2,470	
Maria Regina C	2,450	2,500	
Marist C	4,542	5,072	
Marymount C	4,895	5,365	
Marymount Manhattan C	4,070	4,450	
Mater Dei C	2,266	2,466	
Medaille C	3,060	3,690	
Mercy C	2,850	3,060	
Molloy C	3,700	3,850	
Monroe Business Inst	3,570	3,570	
Mount St Mary C	4,280	4,100	
Nazareth C of Rochester	4,200	4,550	
New London Acad Hairdressing & Cosmetology	*	1,768	
New School for Social Research	5,310	5,900	
New York Inst of Tech	3,424	3,735	
New York Sch of Interior Design	3,970	4,530	
New York Studio for Drawing, Painting & Sculpture	*	1,800	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
NEW YORK—Continued			
New York U	6,634	7,200	
Niagara U	4,170	4,900	
Nikolais/Louis Dance Theater Lab	*	1,040	
North Country CC	1,005	1,030	925
Nyack C	3,705	4,136	
Pace U New York City	4,360	4,380	
C of White Plains	4,360	4,380	
Pleasantville/Briarcliff	4,360	4,380	
Parsons Sch of Design	5,760	6,320	
Paul Smith's C	3,360	3,810	
Peninsula Hosp Center Sch, Radiologic Tech	*	1,400	
Polytechnic Inst of NY	6,310	7,100	
Long Island	6,310	7,100	
Pratt Inst	5,410	6,030	
Rensselaer Poly Inst	7,790	8,600	
Robert Fiance Hair Design Inst	*	3,721	
Roberts Wesleyan C	4,035	4,468	
Rochester Business Inst	2,550	2,795	
Rochester Inst of Tech	5,184	5,679	
Russell Sage C	5,400	5,910	
St Bonaventure U	4,305	4,615	
St Elizabeth Hosp Sch of Nursing	2,530	2,644	
St Francis Hosp Sch of Practical Nursing	*	2,250	
St John Fisher C	4,624	5,069	
St John's U	3,400	3,850	
St Joseph's C	3,020	3,320	
Suffolk	3,020	3,320	
St Lawrence U	6,800	7,900	
St Thomas Aquinas C	3,000	3,325	
Sarah Lawrence C	8,210	9,355	
Sch of Visual Arts	4,200	5,310	
Siena C	4,150	4,640	
Skidmore C	7,310	8,185	
State U of New York: A&T C at Alfred	1,155	1,455	1,300
A&T C at Canton	1,239	1,539	1,300
A&T C at Cobleskill	1,203	1,503	1,300
A&T C at Delhi	1,155	1,455	1,300
A&T C at Farmingdale	1,235	1,535	1,300
A&T C at Morrisville	1,330	1,630	1,300
Albany	1,220	1,520	1,300
Binghamton	1,180	1,480	1,300
Buffalo	1,240	1,540	1,300
C at Brockport	1,160	1,460	1,300
C at Buffalo	1,155	1,455	1,300
C at Cortland	1,155	1,455	1,300
C of Environmental Sci & Forestry	1,126	1,426	1,300
C at Fredonia	1,155	1,455	1,300
C at Geneseo	1,175	1,475	1,300
C at New Paltz	1,174	1,474	1,300
C at Old Westbury	1,110	1,410	1,300
C at Oneonta	1,245	1,545	1,300
C at Plattsburgh	1,115	1,415	1,300
C at Potsdam	1,155	1,455	1,300
C at Purchase	1,300	1,600	1,300
C of Tech Utica-Rome	1,180	1,480	1,300
Downstate Med Ctr	1,130	1,430	1,300
Empire State C	1,087	1,387	1,300
Health Sciences Ctr Stony Brook	1,155	1,455	1,300
Maritime C	1,247	1,547	1,300
Oswego	1,170	1,470	1,300
Stony Brook	1,155	1,455	1,300
Upstate Med Ctr	1,130	1,430	1,300
Stenotype Inst	*	2,600	
Sullivan County CC	*	1,168	2,100
Sutton Secretarial Sch	2,800	3,375	
Syracuse U	6,220	6,885	
Tobe-Coburn Sch for Fashion Careers	5,350	5,265	
Touro C	3,290	3,565	
Trocaire C	2,650	2,850	
Union C	7,399	8,164	
U of Rochester	7,060	7,875	
Utica Career Inst	1,360	1,500	
Utica C of Syracuse U	4,800	5,400	
Utica Sch of Commerce	*	2,475	
Vassar C	7,618	8,428	
Villa Maria C of Buffalo	2,500	2,760	
Wadhams Hall Sem-C	2,280	2,480	
Wagner College	4,212	5,230	
Wells C	6,830	7,825	
Westchester Business Inst	3,180	4,500	
Weymouth Business Inst	*	3,486	
William Smith C	7,450	8,300	
Wood Sch	4,200	4,700	
Yeshiva U	5,205	5,865	
NORTH CAROLINA			
American Business and Fashion Inst	*	2,700	
Atlantic Christian C	2,994	3,260	
Barber-Scotia C	*	3,000	
Belmont Abbey C	3,610	3,842	
Bennett C	*	2,900	
Blanton's JC	2,064	2,201	
Brevard C	1,870	2,920	
Catawba C	3,760	3,970	
Cecil's JC	*	2,090	
Charlotte Mem Hosp & Med Ctr Radiologic Tech Program	*	400	
Chowan C	2,380	2,615	
Davidson C	5,310	5,770	
Duke U	6,450	7,059	
Elon C	2,740	3,040	
Gardner-Webb C	3,260	3,530	
Greensboro C	3,410	3,820	
Guilford C	4,350	4,778	
Hardbarger JC of Bus	*	2,792	
High Point C	3,330	3,640	
John Robert Powers Sch of Fashion Car	*	4,047	
John Wesley C	1,574	1,724	
Johnson C Smith U	2,700	2,860	
Lees-McRae C	2,462	2,762	
Lenoir-Rhyne C	4,130	4,134	
Livingstone C	2,720	2,720	
Louisburg C	2,775	3,025	
Mars Hill C	3,450	3,650	
Meredith C	3,050	3,350	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
NORTH CAROLINA—Continued			
Methodist C	3,280	3,720	
Montreat-Anderson C	2,590	2,776	
Mount Olive C	2,400	2,600	
NC Wesleyan C	*	3,920	
Peace C	2,400	2,600	
Pfeiffer C	3,450	3,700	
Piedmont Aerospace Inst	2,625	2,868	
Piedmont Bible C	2,140	2,316	
Queens C	4,200	4,600	
Rex Hosp Sch of Med Tech	800	800	
Roanoke Bible C	1,294	1,294	
Rutledge C of Winston-Salem	1,824	2,016	
Sacred Heart C	3,264	3,270	
St Andrews Presbyterian C	4,650	5,100	
St Mary's C	3,520	3,880	
Salem C	4,415	4,600	
Shaw U	*	2,500	
Sherrill's U of Cosmtlgy	*	2,495	
Wake Forest U	4,700	5,050	
Warren Wilson C	3,960	4,350	
Wingate C	2,596	2,773	
NORTH DAKOTA			
Bismarck JC	*	865	330
Dickinson St C	*	891	640
Interstate Business C	2,400	2,540	
Jamestown C	4,300	4,900	
Josef's Sch, Hair Design	*	1,895	
Mary C	2,840	3,110	
Mayville St C	705	858	515
Minot St C	*	756	648
North Dakota St Sch of Science	630	786	648
North Dakota St U Bottineau	732	948	846
	698	775	648
Northwest Bible C	1,700	2,000	
Standing Rock CC	750	770	
Trinity Bible Inst	1,986	2,159	
Turtle Mountain CC	*	540	
U of North Dakota	804	1,020	846
Williston	*	868	857
OHIO			
Acad, Communicative Art	2,250	2,600	
Antioch C	6,330	6,580	
Art Acad of Cincinnati	2,665	2,995	
Ashland C	4,626	5,706	
ATES Tech Inst	*	3,090	
Aultman Hosp Sch of Nursing	*	2,375	
Baldwin-Wallace C	5,181	5,577	
Belmont Tech C	750	750	150
Bethesda Hosp Sch of Nursing	2,619	2,990	
Bluffton C	4,320	4,563	
Borromeo C of Ohio	3,000	3,150	
Capital U	5,350	5,870	
Case Western Reserve U	6,450	7,300	
Cedarville C	3,207	3,168	
Central St U	1,290	1,290	1,011
Chatfield C	1,748	1,950	
Children's Hosp Med Ctr	*	600	
Choffin Sch of Practical Nursing	*	1,800	500
Cincinnati Bible Sem	2,037	3,984	
Cincinnati C Mortuary Sci	3,280	3,480	
Cincinnati Tech C	1,194	1,212	548
Circleville Bible C	2,492	2,500	
Cleveland Inst of Art	4,000	4,650	
Cleveland Inst of Music	6,101	6,865	
C of Mt St Joseph	3,776	3,850	
C of Wooster	*	7,335	
Columbus C Art & Des	4,140	4,540	
Columbus Tech Inst	935	1,008	990
Cuyahoga CC Eastern	*	810	900
Metropolitan	720	810	900
Western	*	810	900
Dayton Sch of Practical Nursing	*	950	
Deaconess Hosp Sch of Nursing	*	2,721	
Defiance C	4,070	4,400	
Denison U	6,670	7,530	
DeVry Inst of Tech	*	3,188	
Euclid Gen Hosp Sch of Radiologic Tech	*	500	
Fairview General Hosp Sch of Nursing	870	990	900
Findlay C	4,425	4,785	
Franklin U	2,100	2,430	
Heidelberg C	5,450	6,230	
Hiram C	5,865	6,659	
Jane Addams Sch of Practical Nursing	*	1,655	
Jefferson Tech C	585	585	495
John Carroll U	3,968	4,352	
Kenyon C	7,090	7,905	
Kettering C of Med Arts	2,856	2,200	
Lakeland CC	*	945	1,717
Lima Tech C	*	945	1,050
Lorain Business C	*	2,525	
Lorain County CC	925	1,013	1,845
Lourdes C	1,700	2,000	
M.B. Johnson Sch of Nursing	*	1,866	3,784
Malone C	4,306	4,523	
Marietta C	5,850	6,500	
Marion Tech C	900	1,044	1,512
Miami Valley Hosp Sch of Nursing	2,564	3,111	2,082
Miami-Jacobs JC Bus	2,321	2,510	
Mount Union C	6,045	6,630	
Mt Vernon Nazarene C	2,999	3,309	
Muskingum Area Tech C	*	900	450
Muskingum C	5,619	6,030	
Nationwide Beauty Acad	*	2,495	
Northwest Tech C	1,080	1,296	1,188
Northwestern Business C & Tech Center	*	3,050	
Notre Dame C of Ohio	3,250	3,500	
Oberlin C	7,750	8,640	
Ohio Diesel Tech Inst	3,100	3,225	
Ohio Dominican C	3,990	4,390	
Ohio Inst of Photography	3,240	3,528	
Ohio Northern U	4,710	5,040	

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
OHIO—Continued			
Ohio Wesleyan U	6,300	6,785	
Otterbein C	5,364	6,009	
Owens Tech C	840	936	840
Penta County Voc Sch	*	1,370	
Pontifical C Josephinum	2,950	2,350	
Practical Nursing Sch Buckeye Hills Career Ctr	1,245	1,710	200
Providence Hospital Sch of Nursing	2,360	2,655	
RETS Tech Center	*	3,109	
Rio Grande C and CC	*	900	2,250
Riverside Hosp Sch of Radiologic Tech	*	500	
St Alexis Hosp Sch of Nursing	1,230	1,865	
Sandusky Sch of Practical Nursing	925	1,800	85
Shawnee St CC	900	990	75
Southern Ohio C	2,340	2,565	
Terra Tech C	930	945	1,080
Tiffin U	2,500	2,740	
Toledo Hosp Sch of Nursing	*	2,369	765
U of Akron	1,430	1,560	1,680
U of Dayton	3,910	4,330	
U of Steubenville	4,170	4,420	
Urbana C	3,300	3,552	
Ursuline C	3,150	3,975	
Walsh C	3,628	3,560	
Washington Tech C	990	990	720
West Side Inst of Tech	*	3,020	
Wilberforce U	2,560	3,440	
Wilmington C	4,425	4,935	
Wittenberg U	6,266	7,131	
Wright State U	1,470	1,623	1,623
Western Ohio Branch	1,311	1,449	1,623
Xavier U	4,150	4,600	
OKLAHOMA			
Bacone C	*	1,794	
Bartlesville Wesleyan C	2,860	3,170	
Bethany Nazarene C	2,375	2,816	
Flaming Rainbow U	2,120	2,660	
Hillsdale Free Will Baptist C	1,275	1,475	
Midwest Christian C	1,360	1,360	
Oklahoma Baptist U	2,505	2,646	100
Oklahoma Christian C	2,200	2,500	
Oklahoma City U	*	2,950	
Oral Roberts U	3,610	3,680	
Oscar Rose JC	*	367	703
Phillips U	*	3,144	
St Gregory's C	*	2,175	
Seminole JC	*	427	705
SW C of Christian Ministries	1,500	1,500	
Spartan School of Aeronautics	*	4,115	
U of Tulsa	3,270	3,770	
OREGON			
Bassist C	3,950	4,350	
Blue Mountain CC	540	540	1,620
Central Oregon CC	540	540	2,412
Chemeketa CC	540	600	1,650
Clackamas CC	*	600	1,590
Clatsop CC	576	576	1,656
Columbia Christian C	2,655	3,402	
Concordia C	3,640	4,090	
Eugene Bible C	*	2,010	
George Fox C	4,980	5,145	
Judson Baptist C	3,600	3,900	
Lane CC	565	600	1,881
Lewis & Clark C	6,444	7,008	
Linfield C	5,030	5,660	
Linn-Benton CC	612	612	1,944
Marylhurst C for Lifelong Learning	3,825	4,275	
Milwaukee Beauty Sch	*	2,300	
Modern Beauty C	2,040	3,080	
Mount Angel Seminary	*	2,415	
Mount Hood CC	585	615	2,445
Multnomah Sch of the Bible	2,990	3,280	
Northwest Christian C	3,340	3,606	
Oregon Polytech Inst	2,365	2,730	
Pacific NW C of Art	3,310	3,700	
Pacific U	5,505	5,755	
Portland CC	540	540	2,385
Reed C	7,160	7,520	
Rogue CC	*	576	1,656
Sacred Heart General Hosp	900	900	
SW Oregon CC	540	600	1,200
Treasure Valley CC	570	660	600
Umpqua CC	612	660	2,331
U of Portland	4,920	5,381	
Warner Pacific C	3,915	4,590	
Western Baptist C	3,864	3,873	
Western States Chiropractic C	4,665	5,271	
Willamette U	5,580	6,020	
PENNSYLVANIA			
Acad of New Church	1,560	1,740	
A.D.I.O. Inst of Straight Chiropractic	*	4,450	
Airco Tech Inst	*	4,245	
Albright C	5,725	6,295	
Allegheny C	5,835	6,480	
Allentown C of St Francis de Sales	4,060	4,400	
Alliance C	3,060	3,290	
Alvernia C	2,200	2,520	
American Inst of Drafting	*	3,724	
Antonelli Inst of Art & Photography	3,170	3,570	
Ardom Beauty Acad	*	2,200	
Art Inst of Pittsburgh	3,685	4,065	
Baptist Bible C	3,152	3,515	
Beaver C	5,520	5,920	
Berean Inst	1,090	1,300	
Bloomsburg St C	1,594	1,608	1,110
Bryn Mawr C	7,715	8,480	
Bucknell U	7,350	8,330	
Bucks County CC	892	1,032	3,136
Butler County CC	996	1,044	2,400
Cabrini C	4,120	4,440	
California St C	1,652	1,724	1,110

PENNSYLVANIA—Continued

	1982-83 Tuition and fees	1983-84 Tuition and fees	1983-84 Added out-of-state tuition
Cambria-Rowe Bus C	2,425	2,770	
Carlisle Hosp School of Radiologic Tech	*	150	
Carlow C	4,790	5,310	
Carnegie-Mellon U	6,350	7,550	
Cedar Crest C	5,100	5,600	
Center for Degree Studies	1,600	1,600	
Central Pa Bus School	2,475	2,595	
Centre Bus School	2,535	2,725	
Chatham C	5,512	6,030	
Chestnut Hill C	*	3,450	
Chestnut Hill Hospital Sch of Nursing	2,040	2,405	
Cheyney St C	1,640	1,650	1,110
Churchman Bus School	*	2,095	
Clarion St C	1,875	1,648	1,110
Venango	1,875	1,632	1,110
C Misericordia	3,565	3,800	
CC of Beaver County	1,040	1,070	2,580
CC of Philadelphia	*	946	1,624
Community Gen Hosp Sch of Radiologic Tech	100	100	
Community Med Center Sch of Nursing	*	3,195	
Crozer-Chester Center Radiography Program	350	500	
Dean Inst of Tech	2,725	3,265	
Delaware County CC	*	750	368
Delaware Valley C of Science & Agriculture	4,300	4,600	
Dickinson C	6,715	7,640	
Drexel U	5,038	5,225	
Duff's Business Inst	3,000	4,230	
Duquesne U	4,830	5,130	
E Stroudsburg St C	1,600	1,660	1,110
Eastern C	4,470	5,230	
Edinboro St C	1,630	1,652	1,110
Elizabethtown C	*	5,395	
Franco Beauty Acad New Kensington	*	1,800	
Franklin & Marshall C	6,550	7,530	
Gannon U	*	3,820	
Geneva C	4,220	4,420	
Germantown Hosp & Med Center Sch of Nursing	*	3,484	
Gettysburg C	6,000	7,060	
Gratz C	*	550	
Greensburg Inst of Tech	2,998	3,283	
Grove City C	2,620	2,880	
Gwynedd-Mercy C	3,450	4,250	
Hahnemann U Sch Allied Health Professions	*	4,350	
Harcum JC	3,100	3,630	
Harrisburg Area CC	708	708	1,480
Haverford C	8,080	8,740	
Holy Family C	3,300	3,600	
Immaculata C	3,040	3,467	
Indiana U of Pa	1,630	1,654	1,110
Jameson Memorial Hosp Sch of Nursing	*	7,270	
Juniata C	5,361	5,985	
Keystone JC	3,750	3,966	
Keystone Secretarial & Business Admin Sch	*	2,380	
King's C	4,100	4,500	
Kutztown St C	1,592	1,604	1,110
La Roche C	3,170	3,425	
La Salle C	4,150	4,540	
Lackawanna JC	2,370	2,550	
Lafayette C	7,025	7,725	
Lancaster Bible C	3,200	3,526	
Lankenau Hosp Sch of Nursing	*	5,159	
Lebanon Valley C	4,790	5,360	
Lehigh County CC	1,040	1,040	2,460
Lehigh U	7,200	8,000	
Lincoln Tech Inst	*	3,579	
Lincoln U	1,730	1,830	800
Lock Haven St C	1,602	1,604	1,110
Luzerne County CC	*	1,058	2,348
Lycoming C	4,980	5,580	
Manor JC	3,050	3,250	
Mansfield St C	1,596	1,676	1,110
Marywood C	2,970	3,150	
McCarrie Schls of Health Sciences & Tech	3,500	4,200	
McKeesport Hosp Sch of Med Tech	1,110	1,272	
Mercyhurst C	4,312	4,773	
Messiah C	3,950	4,460	
Millersville St C	1,598	1,598	1,110
Montefiore Hosp Sch of Rad Tech	400	400	
Moore C of Art	4,375	5,575	
Moravian C	4,950	6,275	
Mount Aloysius JC	*	4,190	
Muhlenberg C	5,975	6,585	
Natl Sch of Health Tech	2,810	3,125	
Neumann C	3,302	3,664	
New Sch of Music	4,035	4,355	
Northampton County Area CC	1,080	1,200	2,580
NE Christian JC	2,720	3,040	
Peirce JC	*	3,400	
Pa Tech Inst	2,780	3,050	
Penn Acad of Fine Arts	2,200	2,400	
Pennco Tech Inst	2,925	3,217	
Philadelphia C of Art	5,800	6,415	
Philadelphia C of Bible	3,380	3,682	
Philadelphia C of Pharmacy & Science	4,400	5,025	
Philadelphia C of Textiles & Science	4,000	4,400	
Philadelphia Printing Sch	4,410	4,840	
Pinebrook JC	2,770	3,425	
Pittsburgh Beauty Acad	*	2,885	
Pittsburgh Tech Inst	*	4,225	
Point Park C	4,335	4,335	
Pottsville Hosp Sch of Nursing	*	2,371	
Reading Area CC	*	1,050	1,980
Reading Hosp Sch of Nursing	*	1,605	
Robert Morris C	2,580	2,880	
Robert Packer Hosp Sch of Nursing	2,040	2,245	
Rosemont C	4,715	5,110	

PENNSYLVANIA—Continued

	1982-83 Tuition and fees	1983-84 Tuition and fees	1983-84 Added out-of-state tuition
Sacred Heart Hosp Diagnostic Radiography	*	400	
St Charles Borromeo Seminary	*	2,615	
St Francis C	3,910	4,534	
St Joseph's U	4,220	4,680	
St Vincent C	4,224	4,546	
Sch of Computer Tech	*	3,700	
Seton Hill C	4,260	4,650	
Shippensburg St C	1,644	1,684	1,110
Slippery Rock St C	1,668	1,680	1,110
S Hills Business Sch	*	2,880	
Spring Garden C	3,950	4,350	
Susquehanna U	5,296	5,815	
Swarthmore C	6,250	8,430	
Thiel C	4,941	5,200	
Thomas Jefferson U C of Allied Health Science	5,500	6,200	
Tracey-Warner Sch	2,250	2,335	
Triangle Inst of Tech	*	3,127	
Erie Center	*	3,370	
Greensburg	3,370	3,445	
Uniontown Hosp Sch of Nursing	*	2,171	2,071
United Wesleyan C	2,900	3,540	
U of Pennsylvania	8,000	8,880	
U of Pittsburgh	*	2,528	2,420
Bradford	*	2,430	2,420
Greensburg	*	2,360	2,330
Johnstown	*	2,500	2,420
Titusville	*	2,340	2,260
U of Scranton	3,670	3,920	
Ursinus C	5,150	5,605	
Vale Tech Inst	*	4,912	
Valley Forge Christian C	*	2,275	
Valley Forge Military JC	*	5,010	
Villa Maria C	3,890	4,500	
Villanova U	5,150	5,600	
Washington & Jefferson C	6,120	6,670	
Waynesburg C	4,760	5,010	
Welding Training & Testing Inst	*	3,494	
West Chester St C	1,604	1,606	1,110
Westminster C	4,900	5,500	
Widener U	*	5,760	
Wilkes C	4,650	5,100	
Williamsport Area CC	*	1,122	2,716
Wilson C	5,418	6,072	
York C	2,796	2,964	

RHODE ISLAND

Barrington C	5,085	5,715	
Brown U	8,380	9,405	
Bryant C	3,750	4,175	
CC of Rhode Island	630	690	
John's Creative Sch of Cosmetology	2,350	2,350	
Johnson & Wales C	3,945	4,230	
New England Inst of Tech	3,750	4,495	
Newport Hosp Sch of Nursing	*	3,200	
Ocean State Bus Inst	2,450	2,850	
Providence C	5,317	5,867	
Rhode Island C	*	1,075	2,250
Rhode Island Hosp Sch of Respiratory Therapy	1,125	1,725	
Rhode Island Sch of Design	6,700	7,570	
Rhode Island Trades Shops Sch	4,318	4,818	
Roger Williams C	*	5,142	
Salve Regina-Newport C	4,800	5,350	
U of Rhode Island	1,543	1,738	3,382
Warwick Acad of Beauty Culture	2,350	2,350	

SOUTH CAROLINA

Aiken Tech C	525	450	260
Allen U	2,510	2,810	
Anderson C	2,520	2,810	
Beaufort Tech C	480	640	75
Benedict C	*	2,936	
Central Wesleyan C	3,520	3,990	
Citadel Military Acad	*	3,371	1,948
Claflin C	*	2,652	
Clemson U	*	1,652	1,928
Clinton JC	875	850	
Coker C	3,930	4,315	
Columbia Bible C	2,605	2,860	
Columbia C	2,100	4,200	
Converse C	*	4,575	
Denmark Tech C	500	465	250
Erskine C	4,300	4,480	
Florence Darlington Tech C	525	820	500
Francis Marion C	805	940	940
Furman U	4,284	4,828	
Greenville Tech C	390	540	398
Horry-Georgetown Technical C	450	450	450
Lander C	1,150	1,250	600
Limestone C	3,940	4,300	
Midlands Tech C	600	600	600
Newberry C	*	4,500	
N Greenville C	2,450	2,690	
Orangeburg Calhoun Tech C	*	530	204
Presbyterian C	4,225	4,580	
Rutledge C			
Columbia	1,800	1,840	
Spartanburg	1,440	1,512	
South Carolina St C	810	900	900
Spartanburg Methodist C	2,500	2,600	
Sumter Area Tech C	450	540	108
Tri-County Tech C	480	480	480
Voorhees C	2,330	2,562	
Williamsburg Tech C	*	375	
Wofford C	4,295	4,595	

SOUTH DAKOTA

Augustana C	4,680	5,220	
CC of N Central U Ctr	2,372	2,422	
Dakota St C	*	1,120	900
Dakota Wesleyan U	*	3,530	
Freeman JC	2,900	3,100	
Mount Marty C	3,925	3,925	

SOUTH DAKOTA—Continued

	1982-83 Tuition and fees	1983-84 Tuition and fees	1983-84 Added out-of-state tuition
National C	3,675	4,250	
Northern St C	*	1,086	874
Presentation C	3,380	3,380	
Sinte Gleska C	*	720	
Sioux Falls C	3,510	3,900	
South Dakota Sch of Mines & Tech	*	1,157	1,038
South Dakota St U	*	1,131	1,086
Stewart School of Hairstyling	2,055	2,522	
U of South Dakota	*	1,250	1,159
Yankton C	3,960	4,240	

TENNESSEE

American Baptist C of ABT Sem	1,014	1,014	
Bethel C	2,175	2,400	
Bryan C	2,800	3,300	
Carson-Newman C	*	3,308	100
Christian Bros C	3,460	3,666	
Cooper Inst	*	2,155	
Cumberland Sch of Med Tech	3,350	3,550	
David Lipscomb C	2,295	2,742	
Draughon's JC of Business: Nashville	2,160	2,435	
Fisk U	4,900	4,200	
Free Will Bapt Bible C	1,670	1,788	
Freed-Hardeman C	2,700	2,850	
Hiwasee C	*	1,995	
Johnson Bible C	1,440	1,600	
King C	3,360	3,620	
Knoxville Bus C	1,920	2,160	
Knoxville C	*	3,096	
Lambuth C	3,270	3,520	
Lee C	2,287	2,461	
LeMoyne-Owen C	2,300	2,470	
Lincoln Memorial U	2,250	2,280	
Martin C	*	2,200	
Maryville C	4,000	4,385	
Memphis Acad of Arts	2,730	3,100	
Methodist Hospital Sch of Nursing	*	1,133	
Mid-South Bible C	2,330	2,498	
Milligan C	3,200	3,598	
Morristown C	1,903	2,150	
Southern C of Optometry	*	7,896	
Southern C of Seventh-day Adventists	*	4,540	
Southwestern at Memphis	5,200	5,670	
Tennessee Inst of Electronics	2,474	2,630	
Tenn Sch of Beauty	1,200	1,400	
Tennessee Temple U	1,990	2,182	
Tennessee Wesleyan C	*	3,000	
Tomlinson C	1,910	2,080	
Trevecca Nazarene C	2,760	3,030	
Tusculum C	3,400	3,640	
Union U	2,270	2,450	
U of the South	6,520	7,185	
Vanderbilt U	6,230	7,100	
West Tennessee Bus C	*	3,375	

TEXAS

Abilene Christian U	2,820	2,820	
A&C C of Beauty	*	1,695	
Alvin CC	160	144	370
Amarillo C	255	255	414
American Tech U	1,930	2,128	
Angelina C	252	252	280
Angelo St U	400	424	1,080
Arlington Baptist C	*	1,515	
Austin C	4,035	4,635	
Austin CC	438	510	810
Bauder Fashion C	3,710	3,710	
Baylor U	2,844	3,095	
Bee County C	222	222	1,078
Bishop C	*	2,720	2,720
Brazosport C	120	186	390
Brookhaven C	*	240	1,010
Central Texas C	280	280	420
Cisco JC	*	430	320
Clarendon C	310	250	280
C of the Mainland	135	135	300
Concordia Lutheran C	2,200	2,400	
Cooke County C	250	295	390
Corpus Christi St U	384	384	1,080
Dallas Baptist C	2,840	2,840	
Dallas Bible C	*	2,508	
Dallas Christian C	1,480	1,686	
Del Mar C	230	230	400
DeVry Inst of Tech	*	3,300	
East Texas Baptist C	1,995	2,610	
East Texas St U	*	450	1,080
East Texas U at Texarkana	*	300	1,080
Eastfield C	240	240	1,010
El Centro C	*	240	1,010
El Paso County CC	*	316	908
Frank Phillips C	*	620	220
Galveston C	120	120	280
Gulf Coast Bible C	2,512	2,790	
Hardin-Simmons U	2,760	2,950	
Henderson County JC	168	198	330
Hill JC	500	500	500
Houston Baptist U	3,348	3,348	
Houston CC	*	551	1,140
Howard County JC	250	250	280
Howard Payne U	2,100	2,300	
Huston-Tillotson C	2,412	2,672	
Incarnate Word C	3,160	3,648	
Jacksonville C	1,550	1,560	
Killeen Beauty C	1,035	1,287	
Lamar U	450	450	1,080
Laredo St U	*	285	1,080
LeTourneau C	3,536	3,796	
Lon Morris C	2,580	2,750	
Lubbock Christian C	2,592	3,025	
McLennan CC	240	240	552
McMurry C	2,750	2,750	
Midland C	*	340	500
Midwestern St U	480	480	1,075
Miss Wade's Fashion C	*	3,600	
Mountain View C	240	230	940
Navarro C	392	432	984
N Harris County C	*	173	
N Texas St U	450	450	1,050

TEXAS—Continued

	1982-83 Tuition and fees	1983-84 Tuition and fees	1983-84 Added out-of-state tuition
Ogle Sch of Hair Design	1,350	1,625	
Our Lady of the Lake U	3,074	3,434	
Pan American U	*	360	1,080
Panola JC	180	188	299
Paris JC	*	350	250
Paul Quinn C	*	1,888	
Prairie View A&M U	*	475	1,296
Rice U	3,700	3,900	
Richland C	240	240	1,010
St Edward's U	3,100	3,370	
St Mary's U	3,450	3,900	
Sam Houston St U	460	460	1,080
San Antonio C	214	214	320
San Jacinto C Central Campus	170	170	280
North Campus	170	170	280
Schreiner C	*	3,690	
South Plains C	300	300	250
Southern Bible C	1,910	1,950	
S Methodist U	5,650	6,316	
SW Adventist C	4,510	4,744	
SW Christian C	*	2,202	
SW Inst of Fashion Merch & Design	2,525	2,825	
SW Texas JC	*	306	960
SW Texas St U	450	480	1,080
Southwestern JC	1,652	1,820	
Southwestern U	3,500	4,300	
Stephen F Austin St U	500	450	1,080
Sul Ross St U	372	668	1,080
Tarleton St U	*	480	1,080
Tarrant County JC	140	172	1,080
Temple JC	275	275	1,200
Texarkana CC	*	250	260
Texas A&I U	375	420	1,080
Texas A&M U	480	480	1,080
Galveston	372	320	1,080
Texas Christian U	4,110	4,630	
Texas C	*	2,385	
Texas C of Medical & Dental Careers	2,525	2,795	
Texas Lutheran C	2,800	3,000	
Texas Southern U	*	472	1,080
Texas Southmost C	256	305	813
Texas St Tech Inst Amarillo	346	362	435
Harlingen	*	362	720
Rolling Plain	*	362	720
Waco	346	362	720
Texas Tech U	432	460	1,080
Texas Wesleyan C	3,000	3,530	
Texas Woman's U	390	390	1,080
Trinity U	4,021	4,680	
Tyler JC	120	120	370
U of Dallas	3,600	4030	
U of Houston	420	440	1,080
Clear Lake City	420	400	1,080
Downtown C	420	420	1,080
Victoria	312	312	1,080
U of St Thomas	3,000	3,290	
U of Texas			
Arlington	440	440	1,080
Austin	420	420	1,080
Dallas	450	550	1,080
El Paso	396	396	1,080
Health Sci Ctr, Dallas	240	240	1,080
Med Branch, Galveston	215	288	1,080
Permian Basin	350	370	1,080
San Antonio	450	450	1,080
Sch of Nursing Galveston	132	262	
Tyler	*	420	1,080
Vernon Regional JC	267	327	1,080
Victoria C	150	150	370
Weatherford C	*	200	300
West Texas St U	490	500	1,080
Western Texas C	250	250	280
Wharton County JC	263	356	1,700
Wiley C	*	2,430	

UTAH

Brigham Young U	1,220	1,340	
Hollywood Beauty C	860	1,300	
LDS Business C	*	1,280	
Stevens Henager C	2,502	2,502	
U of Utah	960	1,050	1,530
Utah St U	849	915	1,530
Utah Tech C Provo	627	687	1,101
Salt Lake City	*	720	1,290
Weber St C	762	810	1,380
Westminster C	3,290	3,770	

VERMONT

Bennington C	9,620	10,750	
Burlington C	3,460	3,750	
Castleton St C	1,650	1,837	1,723
Champlain C	3,595	3,950	
C of St Joseph the Provider	3,330	4,040	
CC of Vermont	900	1,120	1,050
Goddard C	*	6,500	
Green Mountain C	5,255	5,507	
Johnson St C	1,625	1,800	2,030
Lyndon St C	1,609	1,800	2,030
Marlboro C	6,900	7,730	
New England Culinary Inst	*	7,430	
Norwich U	*	7,000	
Vermont C	*	5,700	
St Michael's C	5,505	5,991	
Sch for Intl Training	5,600	5,982	
S Vermont C	3,450	3,480	
Sterling Inst	5,000	5,200	
Thompson Sch Practical Nursing	832	1,764	550
Trinity C	4,205	4,705	
U of Vermont	2,466	2,621	3,879
Vermont Tech C	1,914	2,176	1,624

VIRGINIA

Alexandria Hosp Sch of Nursing	*	1,993	909
Averett C	2,810	3,550	
Blue Ridge CC	558	611	2,003
Bluefield C	1,990	2,276	
Bridgewater C	4,080	4,315	
Central Virginia CC	558	608	2,003
Christopher Newport C	1,235	1,370	660

VIRGINIA—Continued

	1982-83 Tuition and fees	1983-84 Tuition and fees	1983-84 Added out-of-state tuition
Clinch Valley C of U of Va	1,064	1,104	576
Coastal Business C	*	3,650	
C of William & Mary	1,574	1,776	2,914
Commonwealth C	*	2,455	
Dabney Lancaster CC	562	617	2,003
Danville CC	558	608	2,003
Eastern Mennonite C	4,137	4,356	
Eastern Shore CC	563	608	2,003
Emory & Henry C	3,300	3,585	
Ferrum C	*	3,950	
George Mason U	1,176	1,380	1,284
Germanna CC	562	614	2,003
Hampden-Sydney C	5,875	6,520	
Hampton Inst	3,215	3,430	
Hollins C	6,325	6,575	
J S Reynolds CC	562	612	2,003
James Madison U	1,506	1,660	930
John Tyler CC	558	608	2,003
Liberty Baptist C	2,270	2,270	
Longwood C	1,565	1,615	750
Lord Fairfax CC	*	623	2,003
Lynchburg C	4,900	5,350	
Mary Baldwin C	4,735	5,250	
Mary Washington C	1,048	1,198	1,312
Marymount C	4,200	4,600	
Morven Park Intl Equestrian Inst	4,874	4,874	
Mountain Empire CC	558	608	2,003
New River CC	563	631	2,003
Norfolk C	*	2,455	
Norfolk Gen Hosp Sch of Prof Nursing	*	861	95
Norfolk St U	812	923	680
Northern Virginia CC	558	608	2,003
Old Dominion U	1,114	1,236	1,092
Paul D Camp CC	*	608	2,003
Piedmont Va CC	558	608	2,003
Portsmouth School of Lab Technicians	400	650	
Radford U	1,254	1,485	750
Randolph-Macon C	5,000	5,500	
Randolph-Macon Woman's C	5,900	6,580	
Rappahannock CC	562	608	2,003
Richard Bland C	790	830	1,230
Riverside Hosp Sch of Professional Nursing	*	1,640	
Roanoke C	4,750	5,200	
St Paul's C	*	2,950	
Shenandoah C and Conservatory of Music	4,190	5,000	
Southern Seminary JC	3,975	4,685	
Southside Virginia CC	558	608	2,003
SW Virginia CC	563	613	2,003
Sweet Briar C	6,730	7,280	
Thomas Nelson CC	558	608	2,003
Tidewater CC	558	608	2,003
U of Richmond	5,525	6,120	
U of Virginia	1,350	1,570	2,180
Va Commonwealth U	1,216	1,448	1,520
Va Highlands CC	*	608	2,003
Virginia Intermont C	3,350	3,540	
Virginia Military Inst	2,095	2,445	1,960
Va Poly Inst & St U	1,281	1,401	1,515
Virginia St U	1,303	1,430	970
Virginia Wesleyan C	4,100	4,390	
Virginia Western CC	558	608	2,003
Washington Business Sch of N Virginia	4,200	4,500	
Washington & Lee U	5,460	5,870	
Winchester Mem Hospital Sch of Radiologic Tech	1,500	1,500	
Wytheville CC	558	613	2,003

WASHINGTON

Bellevue CC	519	579	1,701
Clark C	519	579	1,701
Columbia Basin C	*	581	1,704
Cornish Inst	3,750	4,500	
E Washington U	942	1,017	2,469
Edmonds CC	519	587	1,704
Everett CC	519	579	1,704
Evergreen St C	942	1,017	2,469
Fort Steilacoom CC	513	573	1,704
Gonzaga U	4,700	5,300	
Grays Harbor C	519	579	1,704
Green River CC	519	579	1,704
Griffin Bus C	*	3,633	
Griffin C	2,307	3,633	
Heritage C	2,850	2,300	
Highline CC	519	581	1,704
Lake Washington Voc-Tech Inst	*	618	
Longview Business C	*	3,495	
Lutheran Bible Inst of Seattle	2,208	2,708	
Modern Bus C	3,345	3,495	
North Seattle CC	506	566	1,704
Northwest C	2,745	3,208	
Olympia Tech CC	519	579	1,518
Olympic C	519	581	1,704
Pacific Lutheran U	4,950	5,310	
Puget Sound C of the Bible	2,310	2,250	
Ron Bailie Sch of Broadcasting Seattle	4,990	5,590	
Spokane	*	5,590	
St Martin's C	4,422	5,110	
Seattle Central CC	506	560	1,704
Seattle Pacific U	4,463	4,845	
Seattle U	4,725	5,085	
Shoreline CC	517	570	1,704
S Seattle CC	*	320	920
Spokane Tech Inst	*	2,960	
Swedish Hosp Sch of Rad Therapy Tech	110	1,000	
U of Puget Sound	5,480	5,950	
Walla Walla C	5,169	5,424	
Walla Walla CC	519	579	1,731
Washington St U	1,176	1,305	1,950
Wenatchee Valley C	525	581	1,704
Western Washington U	942	1,017	2,469
Whitman C	5,850	6,380	
Whitworth C	5,235	5,590	
Yakima Valley CC	519	581	1,704

Continued on Following Page

All of the Series 1983 Bonds having been sold, this announcement appears as a matter of record only.

In the opinion of Bond Counsel, under existing statutes, court decisions, regulations and published rulings, interest on the Series 1983 Bonds is exempt from all present federal income taxes and from all present California personal income taxes.

NEW ISSUE

$10,500,000

CALIFORNIA EDUCATIONAL FACILITIES AUTHORITY

Revenue Bonds (Loyola Marymount University Projects), Series 1983

Dated: July 15, 1983 Due: October 1, as shown below

The Series 1983 Bonds are payable from the Revenues pledged under the Indenture including payments required to be made under the Loan Agreement. The Loan Agreement is a direct unsecured obligation of

LOYOLA MARYMOUNT UNIVERSITY

The Series 1983 Bonds are subject to redemption as more fully set forth in the Official Statement.

Neither the faith and credit nor the taxing power of the State of California is pledged to the payment of the principal of, premium, if any, or interest on, the Series 1983 Bonds.

$8,500,000 8% Series 1983 Term Bonds, due October 1, 1988 — Price 100%
$2,000,000 9¾% Series 1983 Term Bonds, due October 1, 2008 — Price 100%
(Accrued interest to be added)

The Series 1983 Bonds are offered when, as and if issued and delivered to the Underwriters and are subject to the approval of legality by the Attorney General of the State of California and by O'Melveny & Myers, acting as Bond Counsel. Certain legal matters will be passed upon for the Authority by the Attorney General and for the University by Latham & Watkins. Certain legal matters are subject to the approval of O'Melveny & Myers, acting as counsel to the Underwriters.

The offering of the Series 1983 Bonds is made only by the Official Statement, copies of which may be obtained in any State only from the undersigned or others as may lawfully offer these securities in such State.

L. F. ROTHSCHILD, UNTERBERG, TOWBIN
SHEARSON/AMERICAN EXPRESS INC.

July 26, 1983

Resource Control Systems announces...

EDUCALC

a comprehensive, yet affordable management software package for use on the IBM Personal Computer.

Many smaller colleges and universities, as well as departments and programs at larger institutions, feel they don't need or can't afford sophisticated planning tools. But they may not be aware of the enormous amount of critical, decision-making information provided by EDUCALC, a new, low cost planning and management package from Resource Control Systems.

EDUCALC can be used on an IBM Personal Computer to quickly and accurately test the fiscal and productivity effects of:

- Adding or deleting classes
- Projected or actual levels of enrollment
- Faculty assignments
- Changing levels of enrollment, tuition, funding, and faculty costs

And this is just the beginning! You'll never go back to a pad and pencil again. Write or call for information.

D4

Name _____
Title _____
Institution _____
Address _____

Resource Control Systems
P.O. Box 22224
Beachwood, Ohio 44122
Phone: 216/991-3350

RCS - The Academic Software Specialists

Tuition *Continued from Preceding Page*

	1982-83	1983-84	
	Tuition and fees	Tuition and fees	Added out-of-state tuition
WEST VIRGINIA			
Alderson Broaddus C	3,970	4,436	
Appalachian Bible C	2,150	2,300	
Beckley C	912	960	
Bethany C	5,800	5,910	
Bluefield State C	*	750	1,370
Concord C	574	754	1,370
Davis & Elkins C	4,415	4,808	
Fairmont St C	590	754	1,370
Glenville St C	564	754	1,370
James Rumsey Voc-Tech Center	*	600	100
Marshall U	650	847	1,551
Ohio Valley C	2,226	2,440	
Ohio Valley Gen Hosp Sch of Nursing	*	1,785	
Parkersburg CC	440	520	1,320
Salem C	3,710	4,188	
Shepherd C	576	746	1,370
S West Virginia CC Logan	*	520	1,320
Williamson	*	520	1,320
U of Charleston	3,350	3,496	
West Liberty St C	604	754	1,370
West Virginia Inst of Tech	594	754	1,370
West Virginia N CC	440	520	1,320
West Virginia St C	600	762	1,320
West Virginia U	840	1,090	1,850
Potomac St C	602	760	1,370
West Va Wesleyan C	3,986	4,166	
Wheeling C	4,350	4,370	
WISCONSIN			
Alverno C	3,850	4,116	
Beloit C	6,586	7,056	
Blackhawk Tech Inst	600	610	2,295
Cardinal Stritch C	3,600	3,990	
Carroll C	5,330	6,080	
Carthage C	4,651	4,957	
Concordia C	3,300	3,650	
District One Tech Inst	600	600	2,493
Edgewood C	3,450	3,800	
Fox Valley Tech Inst	989	650	2,337
Gateway Tech Inst	*	489	2,337
Geneva Acad of Beauty	*	2,050	
Holy Redeemer C	2,250	2,485	
Janesville Acad of Beauty Culture	1,775	2,050	
Lakeland C	4,455	4,455	
Lakeshore Tech Inst	465	610	2,500
Lawrence U	6,675	7,176	
Madison Area Tech C	660	540	2,337
Madison Business C	2,040	2,160	
Marian C	3,210	3,850	
Marquette U	4,450	4,855	
Mid-State Tech Inst	*	584	2,337
Milwaukee Area Tech C	667	667	1,296
Milwaukee County General Hosp Sch of Nursing	1,910	1,521	
Milwaukee Inst of Art & Design	2,150	2,900	
Milwaukee Sch of Engr	4,605	5,160	
Moraine Park Tech Inst	600	610	1,584
Beaver Dam	*	610	1,584
Mount Mary C	3,350	3,935	
Mount Senario C	3,520	3,700	
Nicolet C & Tech Inst	695	834	2,022
NE Wisconsin Tech Inst	*	585	2,337
Northland C	*	4,835	
Northwestern C	*	1,480	
Patricia Stevens Career C	3,990	4,290	
Ripon C	6,020	6,632	
St. Agnes Hosp Sch of Radiologic Tech	*	200	
St Mary's Med Center Sch of Radiologic Tech: Racine	*	1,150	
St Norbert C	4,495	4,835	
Silver Lake C	3,400	3,600	
SW Wisconsin Voc-Tech Inst	*	522	2,336
Stratton C	*	3,750	
Theda Clark Reg Med Ctr	*	400	
Viterbo C	3,780	4,074	
Waukesha County Tech Inst	*	530	2,337
Waukesha Mem Hosp Sch of Radiologic Tech	*	250	
Wisconsin C of Cosmetology	1,850	2,500	
Wisconsin Conservatory of Music	3,910	4,580	
Wisconsin Indianhead Voc-Tech & Adult Education District	*	610	2,310
Wisconsin Lutheran C	3,800	4,240	
WYOMING			
Casper C	380	380	900
Central Wyoming C	336	384	
E Wyoming C	330	330	200
Laramie County CC	401	413	522
Sheridan C	440	440	702
U of Wyoming	616	616	1,460
W Wyoming CC	347	347	51
Wyoming Tech Inst	3,990	3,990	
CANADA			
Champlain Regional C	*	50	3,150
McGill U	4,510	4,510	
AMERICAN SAMOA			
American Samoa CC	*	29	48
VIRGIN ISLANDS			
C of the Virgin Islands	*	547	960
PUERTO RICO			
American C	1,300	1,500	
Antillian C	1,882	1,882	
Caguas City C	*	2,524	
Caribbean University C	1,425	1,425	
Commercial Inst JC	*	1,575	
Conservatory of Music	210	210	
Electronic Data Processing C	1,362	1,455	
Inter American U Regional Colleges	1,390	1,425	
Intl Inst of the Americas of World U	*	1,980	
Metropolitan University C	*	1,250	
Puerto Rico JC	1,365	1,350	
Tech Commercial Inst JC	1,320	1,180	
Turabo U	*	1,554	

3 Foundations Give Arts Fund $9-Million

NEW YORK

Three foundations have contributed $9-million to a new fund intended to strengthen the "fragile economic base" of organizations in the arts.

The National Arts Stabilization Fund, which plans to begin operating here by the end of 1983, expects to raise $33-million in the next five years and make grants of more than $25-million to help bolster the budgets of arts institutions.

William M. Ellinghaus, president of the American Telephone and Telegraph Company, will be chairman of the fund's board of directors. The initial grants to establish the fund, announced last week, were $7-million from the Ford Foundation, $1.5-million from the Andrew W. Mellon Foundation, and $500,000 from the Rockefeller Foundation.

Planners of the new organization said it would use grants to provide incentives for arts organizations to stabilize their finances and sustain their artistic growth. Grants ranging from $150,000 to $1-million each are expected to be made to about 100 organizations including theater, dance, and opera groups; symphonies; art museums; and arts-training institutions during the five years.

Under one type of grant, the fund would pay off half the accumulated deficit of an arts group if the group raised additional funds to eliminate the other half of the deficit. The group would then be expected to complete each of the next four years without a deficit.

A second type of grant would create a reserve fund from which an arts organization could borrow to cover temporary shortages of cash. The borrower would have to end each fiscal year with the loans repaid and with assets that exceed liabilities.

The National Arts Stabilization Fund also plans to provide arts groups with the services of consultants in budgeting, financial planning, and marketing.

Franklin A. Thomas, president of the Ford Foundation, said that many arts groups have a "fragile economic base" and accept "financial crisis as a way of life." Most of them, he said, "are undercapitalized, have difficulty in securing credit, and are constantly stretched to raise funds to supplement earnings."

Officials of the Ford Foundation described the new fund's budget-stabilization approach as similar to a program through which the Ford Foundation has granted $30-million to 76 performing-arts groups since 1971.

California Budget *Continued from Page 1*

that the governor exceeded his authority when he reduced the allocations for the three systems rather than veto the entire higher-education budget.

The California State Student Association has threatened to challenge the cuts in court.

Leaders of California's community colleges predicted last week that if the $100 fee is not imposed, more than 100,000 of the system's 1.2 million students will either drop out or be turned away because of reduced class offerings.

After Mr. Deukmejian made his cuts, several community-college districts—including the one in Los Angeles, which faces a $26-million deficit in 1983-84—announced that they were canceling their summer sessions.

Officials of California's three systems of higher education expressed shock at the severity of the cuts.

"I didn't think he would try to balance the budget on the backs of those who can afford it least—community-college students," said Gerald C. Hayward, chancellor of the community-college system.

William B. Fretter, a vice-president of the University of California, said, "The quality of the university is now at risk, as is access to it for the students of the state." The university approved a $167 increase in its student fee—to $1,380 a year—after Mr. Deukmejian announced his cuts. Fees at the 19 campuses of the California State University system were raised by $182—to $687 a year.

Chancellor W. Ann Reynolds said that to absorb the cut the C.S.U. system would be forced to lay off librarians and custodians, reduce book purchases, defer maintenance, and freeze hiring.

In defending his actions, Governor Deukmejian denied that the fees would impose a hardship on students.

Two-year colleges in other states, he said, charge fees for enrollment.

"There's no way that a person can't raise $50 a semester if they're willing," he said. Students "who really want to get an education" can get jobs to help defray the costs, he added.

The budgets approved by the legislature and cut by Mr. Deukmejian do not cover pay raises for faculty members at the University of California and the California State University systems. Those are being negotiated separately as part of a compensation package for all state employees.

'In' Box

What's the best way to make sure that campus use of copyrighted works falls within legal bounds? Librarians and publishers continue to wrangle over the answer to that question, several months after an out-of-court settlement was reached in a publishers' suit against New York University that was expected to clear up some of the confusion.

In a recent letter to more than 5,000 college and university administrators, Townsend Hoopes, president of the Association of American Publishers, said his group would "actively" encourage campuses to adopt formal policies to limit faculty use of protected works. He said campus officials should consider adopting N.Y.U.'s policy.

But some librarians have objected. Shirley Echelman, executive director of the Association of Research Libraries, pointedly told library directors in a letter of her own that the guidelines agreed to by N.Y.U. were "neither required by law nor ideally suited to higher education."

For example, she said, requirements that a copied work must not exceed 1,000 words are "too stringent for college-level courses." Instead, Ms. Echelman endorsed a "model policy" developed by the American Library Association.

▪

Two briefing papers on photocopying and copyright—one specifically for faculty members and administrators and the other aimed at librarians and archivists—can be obtained from the A.R.L., 1527 New Hampshire Avenue, N.W., Washington 20036. Requests should include a self-addressed, stamped envelope.

Samples of photocopying policies are available from the Association of American Publishers, 2005 Massachusetts Avenue, N.W., Washington 20036, and from the American Library Association, 50 East Huron Street, Chicago 60611.

▪

College administrators who acknowledge that they have mentors are not more successful than those who do not, a recent study found.

Almost 54 per cent of 258 administrators at Rhode Island colleges and universities who were surveyed in 1982 said they had mentors. But they did not report significantly higher salaries or greater satisfaction with their career progress than the others.

The study was conducted for her doctoral dissertation by Ann Marie Dickson, coordinator of the general-education program at the New England Institute of Technology.

Ms. Dickson says the results may be of particular interest to women, who are often advised that having a mentor—someone more established to guide their careers—is necessary for professional advancement.

The study also turned up a salary gap between male and female administrators—even though those groups were similar in age, length of service, level of education, and distribution in job categories. About one-fourth of the administrators were women. Their average salary was $25,858, compared with $32,163 for the men.

Personal & Professional

Size of Faculty Is Up at 30 Pct. of Colleges, Holds Steady at 55 Pct., Survey Finds

By BEVERLY T. WATKINS

After several years of cutbacks in their work force, a number of colleges and universities appear to be rebuilding their staffs.

A survey conducted for *The Chronicle* has found that about 30 per cent of the participating colleges and universities increased the number of faculty positions during academic 1982-83, while at about 18 per cent the number of administrative positions grew.

About 15 per cent of the institutions said they had reduced the number of administrative and faculty positions during the year, largely by cutting the number of people filling those jobs and increasing the work load of those who remained. Colleges also reduced the scope of some programs and combined the responsibilities of several jobs into one. Many institutions encouraged early retirement.

'No Dramatic Changes'

A majority of campuses, however, reported that the size of their total work force had neither increased nor decreased last year. About 55 per cent of the colleges and universities said the number of faculty positions had remained the same, while more than 65 per cent reported that the number of administrative positions was unchanged. A sizable majority—between 60 and 80 per cent—indicated that the number of professional and clerical staff members and campus maintenance and service personnel also had not changed during 1982-83.

David E. Reilly, president of the Academy for Academic Personnel Administrators, said he thought many campuses were now going through a period of "readjustments and restructuring," with no dramatic changes in the size of the work force.

Mr. Reilly said that at the University of Bridgeport, where he is associate vice-president for personnel administration, "we've had the same number of full-time faculty members—about 250—for the last three or four years, but we have made changes in the mix. We have moved person A to department B."

He added, "We're hiring a dozen or so faculty members this year, but more as replacements for people on leave, or retired, or whatever. We are not hiring any more administrators."

Details of *The Chronicle*'s survey of personnel practices on college campuses appear on the following page.

Irving J. Spitzberg, Jr., general secretary of the American Association of University Professors, agreed in general with Mr. Reilly.

"My gut feeling," he said, "is that most campuses are holding their own. They are stable, and they view that as an accomplishment. Their strategy now is to hold as many positions open as possible so they have the flexibility to deal with uncertainty."

He said he thought more campuses might be "reallocating" rather than adding faculty positions. "Everything is yielding to engineering, management, and computer science today," he said.

Mr. Spitzberg pointed out that an increase in the number of administrative and faculty positions might not mean that the actual number of administrators and faculty members has increased.

For example, he said, "a public institution may be given some additional faculty lines in the budget, but the savings required of the institution could be such that it couldn't fill the positions."

New Positions in Universities

The survey, which was conducted for *The Chronicle* by John Minter Associates, was based on a stratified random sample of 200 public and private colleges and universities. Information was provided by chief academic, business, and personnel officers at the institutions.

Close to 45 per cent of private research universities and about 30 per cent of public research universities reported that the number of faculty positions had increased in the past academic year.

About one-quarter of the private universities also reported an increase in administrative positions.

In the Northeast and Mid-Atlantic states and in the Mountain and Western states, roughly 35 per cent of the colleges and universities reported an increase in the number of faculty positions, while about one-quarter said the number of administrative positions had increased.

Now Older Employees Have Health-Care Choice

By SUZANNE PERRY

As a result of Congressional efforts to reduce Medicare costs, college and university employees who are 65 to 69 years old can now choose to have their institution provide their primary health-care coverage.

According to regulations published recently by the Equal Employment Opportunity Commission, employers must offer employees in the 65-to-69 age group the same health coverage they offer younger workers. The older employees must decide by early September whether that plan or Medicare will be their primary health plan.

In making the decision, academic personnel specialists and federal officials suggest that college and university employees consider these factors:

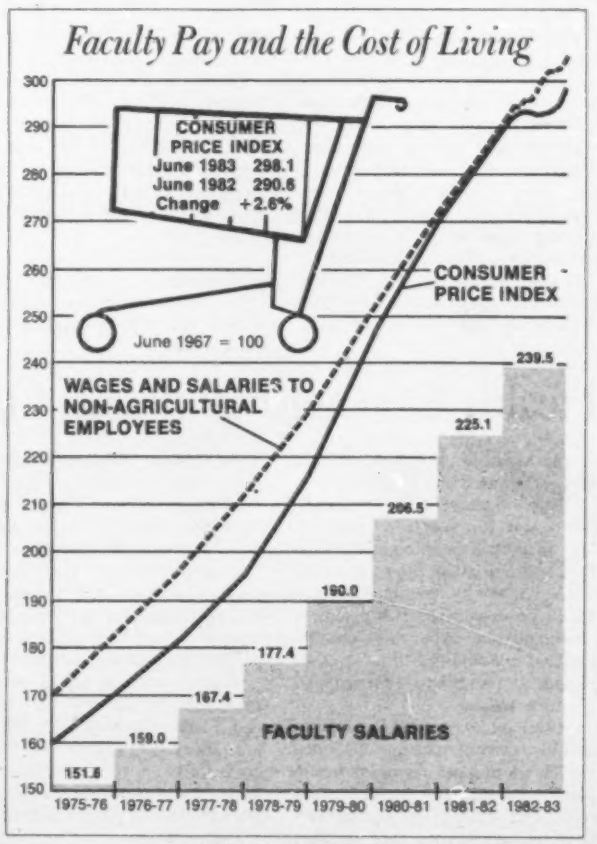
► The comprehensiveness of their college health plan. For the sake of comparison, Part A of Medicare, which covers hospital costs, has a $304 deductible for each "benefit period." Part B, which is optional, covers 80 per cent of the cost of physicians' services.

► Premium costs. Medicare participants pay nothing for Part A coverage, but $12.20 per month for Part B coverage. Many colleges pay most or all of the premiums for their own plans.

► Future Medicare participation. Employees who elect their employer's health plan, and do not pay the Part B Medicare premium, will be penalized financially when they switch to the federal plan at age 70. A 10-per-cent surcharge is added to the premium for each year that an eligible employee does not enroll in Medicare.

To avoid that penalty, some employees may choose to continue

Continued on Following Page



SOURCES: DEPARTMENT OF LABOR, DEPARTMENT OF COMMERCE, AND AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS

CHRONICLE SURVEY

Changes in Size of Colleges' Work Force in the Past Year

	PUBLIC INSTITUTIONS				PRIVATE INSTITUTIONS				REGIONS				
	Research Universities	Comprehensive Colleges*	2-Year Colleges	All	Research Universities	Comprehensive Colleges*	Liberal Arts Colleges	All	East	Midwest	South	West	All Institutions
Number of faculty positions has:													
Increased	31.8%	22.6%	34.4%	31.1%	43.5%	20.7%	27.6%	26.8%	37.3%	22.6%	23.6%	33.5%	29.5%
Decreased	13.6%	16.1%	15.6%	15.6%	4.3%	27.6%	7.9%	13.1%	11.5%	19.9%	9.9%	24.5%	14.6%
Stayed the same	54.5%	61.3%	50.0%	53.3%	52.2%	51.7%	64.5%	60.1%	51.2%	57.6%	66.5%	42.1%	55.9%
Number of administrative positions has:													
Increased	9.1%	6.5%	15.6%	12.7%	25.0%	27.6%	26.3%	26.6%	26.7%	17.7%	13.8%	22.7%	18.1%
Decreased	22.7%	32.3%	12.5%	18.4%	4.2%	6.9%	13.2%	10.8%	11.9%	12.5%	18.2%	21.4%	15.5%
Stayed the same	68.2%	61.3%	71.9%	68.8%	70.8%	65.5%	60.5%	62.7%	61.4%	69.8%	68.1%	55.9%	66.5%
Number of professional-staff positions has:													
Increased	9.5%	9.1%	10.5%	10.0%	28.6%	6.3%	20.8%	18.2%	24.7%	9.3%	10.5%	13.3%	13.2%
Decreased	23.8%	18.2%	5.3%	11.2%	23.8%	0.0%	0.0%	2.3%	7.6%	14.8%	4.3%	10.2%	7.7%
Stayed the same	66.7%	72.7%	84.2%	78.8%	47.6%	93.8%	79.2%	79.5%	67.6%	75.9%	85.2%	76.5%	79.1%
Number of clerical-staff positions has:													
Increased	14.3%	12.9%	18.8%	16.9%	25.0%	27.6%	31.6%	30.0%	31.8%	15.1%	18.8%	24.3%	22.0%
Decreased	42.9%	25.8%	18.8%	22.5%	25.0%	13.8%	9.2%	11.6%	15.8%	22.7%	10.0%	29.9%	18.3%
Stayed the same	42.9%	61.3%	62.5%	60.6%	50.0%	58.6%	59.2%	58.4%	52.4%	62.1%	71.2%	45.8%	59.7%
Number of trade-and-technical positions has:													
Increased	4.8%	3.2%	3.8%	3.8%	13.6%	4.3%	11.7%	9.8%	15.3%	1.7%	0.0%	12.4%	6.0%
Decreased	33.3%	12.9%	11.5%	14.0%	22.7%	4.3%	6.7%	7.4%	16.9%	18.7%	9.5%	14.0%	11.6%
Stayed the same	61.9%	83.9%	84.6%	82.3%	63.6%	91.3%	81.7%	82.8%	67.8%	79.6%	90.5%	73.6%	82.4%
Number of auxiliary positions has:													
Increased	14.3%	10.7%	9.1%	10.1%	28.6%	14.8%	5.8%	10.0%	9.7%	9.7%	5.4%	14.1%	10.1%
Decreased	9.5%	3.6%	13.6%	10.2%	9.5%	18.5%	7.2%	10.6%	4.1%	12.3%	8.9%	7.4%	10.3%
Stayed the same	76.2%	85.7%	77.3%	79.7%	61.9%	66.7%	87.0%	79.5%	86.2%	78.1%	85.7%	78.5%	79.6%
Number of contract-labor positions has:													
Increased	7.7%	0.0%	27.8%	19.6%	27.8%	26.7%	13.0%	17.2%	21.3%	10.4%	15.5%	9.0%	18.5%
Decreased	7.7%	0.0%	5.6%	4.5%	5.6%	0.0%	0.0%	0.5%	0.0%	1.1%	2.6%	0.0%	2.7%
Stayed the same	84.6%	100%	66.7%	75.9%	66.7%	73.3%	87.0%	82.4%	78.7%	88.5%	81.9%	91.0%	78.7%

* Institutions with more than 1,500 students, a liberal-arts program, and at least one professional program.

Note: Survey data are based on responses from a stratified random sample of 100 public and 100 private colleges and universities. Private two-year colleges and institutions with enrollments under 500 are not included. Technical inquiries about the survey design and sampling techniques should be addressed to John Minter Associates, P.O. Box 107, Boulder, Colo. 80306.

SOURCE: SURVEY FOR THE CHRONICLE BY JOHN MINTER ASSOCIATES

NOTES ON COMPUTERS

U. of Michigan to Charge Students a User Fee

Providing computers for all the students who need them is a problem faced by many colleges and universities. Some solve it by requiring students to buy their own.

That solution has not been adopted at the University of Michigan's College of Engineering, where students this fall will begin using systems that cost between $4,000 and $5,000 and are capable of advanced graphics and complicated networking.

Instead of settling for more affordable but limited computers, the college plans to purchase some 500 advanced computers and tack a $100-per-term user fee onto the tuition charged each of its 6,000 undergraduate and graduate students. This fee, which will repay the purchase price of the equipment in about two years, will allow students unlimited access to the new computers clustered in classrooms and laboratories.

The computers will be connected with networks within the engineering college and also to U.M. Net, the university-wide computer network, so that they can communicate with other computers on the campus.

Richard L. Phillips, a professor of engineering, said 200 computers would be in place when the semester begins in September. At least 200 more will be purchased by the end of the year. College officials have not yet settled on a manufacturer.

▪

"Garage developers"—freelance computer programmers who want to market their creations—can get some insights into the software publishing market, meet software publishers, and maybe win $10,000 at "The Great American Software Contest," November 1-3 in Boston.

The contest is actually a conference where participants can learn what publishers look for, the role of agents, and how to find the right venture capitalists. The conference is sponsored by TALMIS, a microcomputer research and consulting company.

Software publishers will attend to see new microcomputer programs, talk to the developers, and discuss prospects for the software market, said Jeanne Dietsch, president of TALMIS. She expects more than 300 publishers and 1,000 software developers to attend. Participants are allowed to enter one piece of software in the contest for the registration fee of $195; they must provide microcomputers on which to run their programs.

A total of 21 prizes worth $30,000 will be awarded to software developers. Categories will include business, game, and educational programs. For registration information, contact MasterPlans Conference Management, 111 East Chestnut Street, Suite 24F, Chicago 60611; (312) 944-1711.

▪

Software demonstrations will be the drawing card at the "Electronic Workshop," a feature of the Modern Language Association's annual convention in New York on December 28 and 29. The workshop will allow scholars to demonstrate their educational software. Sales will not be allowed; the purpose is to exchange information.

Demonstrators must pay $50 for telephone lines, special electrical outlets, and security. Providing the necessary hardware is the responsibility of the demonstrator.

For more information contact Ann Hull, director of convention programs, Modern Language Association, 62 Fifth Avenue, New York 10011; (212) 741-5588.

—JUDITH AXLER TURNER

Health-Coverage Choice for Older Workers *Continued from Preceding Page*

paying Medicare premiums even if they remain in their college plan.

"This will be one of the most difficult things for people to decide," says Jack N. Ray, director of insurance and retirement programs at Indiana University. While Medicare would be considered a supplementary health plan under those circumstances, it would not in most cases provide employees with many benefits, he explains.

At DePaul University, the personnel office is recommending combined participation in the university health plan and Medicare as the "safest route." In addition to the penalty problem, employees face another risk if they do not participate in Medicare, explains Joyce A. Fecske, DePaul's director of personnel.

Medicare has an "open enrollment" period early each year, but the benefits are not effective until the following July, she says. Therefore, employees who reach age 70 and are removed from their employer's plan at an awkward time of year could find a gap in their health coverage.

The E.E.O.C. regulations interpret provisions of the 1982 Tax Equity and Fiscal Responsibility Act that are aimed at shifting health-care costs for employees under the mandatory retirement age of 70 away from the federal government.

Until now, some colleges have offered employees in the 65-to-69 age group supplemental health plans for expenses not covered by Medicare. Those plans are no longer legal, since older employees must be offered options that are identical to those offered other employees.

Because the supplemental plans were relatively inexpensive, the result of the new law is that many older employees will be paying higher health premiums, particularly if they combine Medicare and employer coverage.

Ms. Fecske, who is chairman of the fringe benefits and services council of the College and University Personnel Association, predicts that, in the long run, the law will mean higher costs for colleges and universities and for their employees of all ages. Because older people have higher medical bills than younger workers, their increased participation in college health plans is bound to increase premium costs, she explains.

The E.E.O.C. regulations were published in the June 7 issue of the *Federal Register*. Written comments are being accepted—in quadruplicate—until August 8 by Treva McCall, Executive Secretariat, E.E.O.C., Room 5215, 2401 E Street, Washington 20506.

A pamphlet explaining the new law to employees, *Employed Medicare Beneficiaries Age 65 Through 69*, is available at Social Security Administration offices across the country.

Now A Workbook—

MBO GOES TO COLLEGE

Management by Objectives for Higher Education

Especially for you, the college or university administrator, this workbook can be used as a ready reference and teaching tool for self-study or group work. It is used as the text for the University of Colorado's seminar MBO GOES TO COLLEGE, and can now be ordered directly from the author.

Price: $16.95 plus $1.45 postage

Order from:
Art Deegan & Assoc.
891 Island Way
Clearwater, FL 33515